

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.

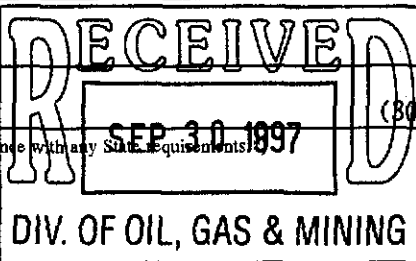
P.O. Box 749, Denver, CO 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

600' FSL & 2100' FWL

At proposed prod. zone



5. LEASE DESIGNATION AND SERIAL NO.  
U-02842-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Field

8. FARM OR LEASE NAME, WELL NO.  
NBU 264

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
Natural Buttes Field

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
SESW Section 1 T10S-R21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 21.4 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

600'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/A

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

See Topo Map C

19. PROPOSED DEPTH

6400'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ungraded GR - 5211.0'

22. APPROX. DATE WORK WILL START\*

Upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached				
Drilling Program				

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFT 3104 for lease activities is being provided for by: State of Utah Bond #102103 and BLM Nationwide Bond #U605382-9.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Sheila Bremer*

TITLE

Sheila Bremer

Environmental & Safety Analyst

DATE

9/26/97

(This space for Federal or State office use)

PERMIT NO.

43 047-33 000

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

*John R. Bay*

TITLE

Associate Director  
Utah DOGM

DATE

1/29/98

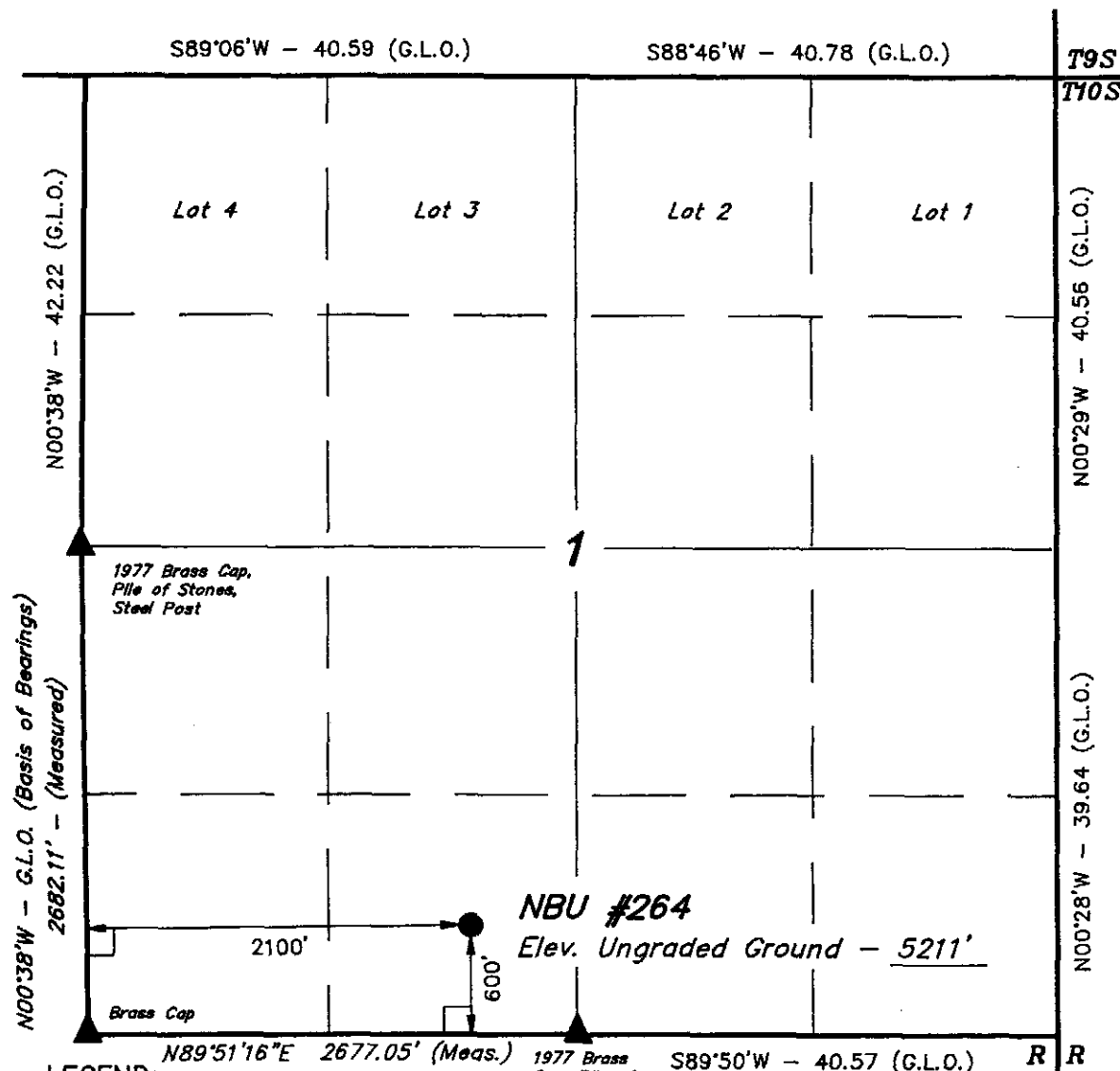
\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**T10S, R21E, S.L.B.&M.**

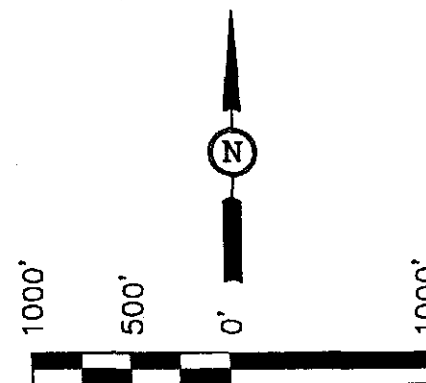
**COASTAL OIL & GAS CORP.**

Well location, NBU #264, located as shown in the SE 1/4 SW 1/4 of Section 1, T10S, R21E, S.L.B.&M., Uintah County, Utah.



**BASIS OF ELEVATION**

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



**SCALE**

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 181319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 11-18-96	DATE DRAWN: 1-17-97
PARTY D.A. D.R. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE COASTAL OIL & GAS CORP.	

**NBU 264  
600' FSL & 2100' FWL  
SE/SW, SECTION 1-T10S-R21E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U-02842-B**

**ONSHORE ORDER NO. 1  
COASTAL OIL & GAS CORPORATION**

***DRILLING PROGRAM***

**1. Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,470'
Wasatch	4,630'
Total Depth	6,400'

**2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,470'
	Wasatch	4,630'
Water	N/A	
Other Minerals	N/A	

**3. Pressure Control Equipment:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

**4. Proposed Casing & Cementing Program:**

*Please see the Natural Buttes Unit SOP.*

**5. Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

**6. Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

**7.     Abnormal Conditions:**

Maximum anticipated bottomhole pressure approximately equals 2,560 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1,152 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

**8.     Anticipated Starting Dates & Notification of Operations:**

*Please see the Natural Buttes Unit SOP.*

**9.     Variances:**

*Please see the Natural Buttes Unit SOP.*

**10.    Other Information:**

*Please see the Natural Buttes Unit SOP.*

**NBU 264**  
**600' FSL & 2100' FWL**  
**SE/SW, SECTION 1-T10S-R21E**  
**UINTAH COUNTY, UTAH**  
**LEASE NUMBER: U-02842-B**

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

An onsite inspection was conducted for the NBU 264 on 9/16/97 at approximately 9:45 a.m. Weather conditions were sunny and clear with moderate temperatures at the time of the onsite. In attendance at the inspection were the following individuals:

Sheila Bremer	Coastal Oil & Gas Corporation
Bill Rawlings	Coastal Oil & Gas Corporation
Byron Tolman	Bureau of Land Management
Steve Strong	Bureau of Land Management
Robert Kay	Uintah Engineering & Land Surveying
Harley Jackson	Jackson Construction
Jim Justice	J-West
Danny Iorg	John E. Faucett Construction

**1. Existing Roads:**

The proposed well site is approximately 21.4 miles southeast of Ouray, Utah. Directions to the location from Ouray, Utah:

Proceed south from Ouray  $\pm 6.9$  miles on the Seep Ridge Road to the junction of this road and an existing oil field service road to the east; turn left and proceed in an easterly direction  $\pm 5.0$  miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction  $\pm 0.3$  miles to the junction of this road and an existing road to the northeast; turn right and proceed  $\pm 3.8$  miles in a northeasterly direction to the junction of this road and an existing road to the south; turn right and proceed in a southerly direction  $\pm 1.8$  miles to the junction of this road and an existing road to the southwest; turn right and proceed in a southwesterly direction  $\pm 1.5$  miles to the junction of this road and an existing road to the southeast; turn left and proceed in a southeasterly direction  $\pm 1.7$  miles to the beginning of the proposed access road. Follow road flags in a northeasterly then northerly direction  $\pm 0.4$  miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

There will be no improvements made to existing access roads.

**2. Planned Access Roads:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

Refer to Topo Map B for the location of the proposed access road.

**3. Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

*Please see the Natural Buttes Unit SOP.*

Refer to Topo Map D for the location of the proposed pipeline.

**5. Location and Type of Water Supply:**

*Please see the Natural Buttes Unit SOP.*

**6. Source of Construction Materials:**

*Please see the Natural Buttes Unit SOP.*

**7. Methods of Handling Waste Materials:**

*Please see the Natural Buttes Unit SOP.*

**8. Ancillary Facilities:**

*Please see the Natural Buttes Unit SOP.*

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per the onsite discussions, a reserve pit liner will not be required unless the pit is blasted during construction.

**10. Plans for Reclamation of the Surface:**

*Please see the Natural Buttes Unit SOP.*

The following seed mixture will be used to reclaim the surface. A total of 12 lbs./acre will be used if the seeds are drilled (24 lbs./acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Four Wing Salt Bush	4 lbs.
Needle & Thread	4 lbs.
Shadscale	2 lbs.
Galleta	2 lbs.

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(801) 789-1362

**12. Other Information:**

A Class III archaeological survey was conducted by Metcalf Archaeological Consultants. A copy of this report was submitted directly to the appropriate agencies by Metcalf Archaeological Consultants. Cultural resource clearance was recommended for this location.

**13. Lessee's or Operators's Representative & Certification:**

Sheila Bremer  
Environmental & Safety Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749  
(303) 573-4455

Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 418-4156

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made

in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Sheila Bremer  
Sheila Bremer

9/26/97  
Date





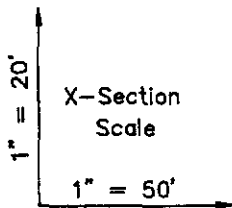
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

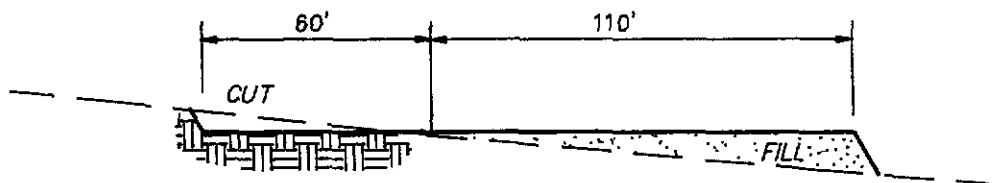
NBU #264

SECTION 1, T10S, R21E, S.L.B.&M.

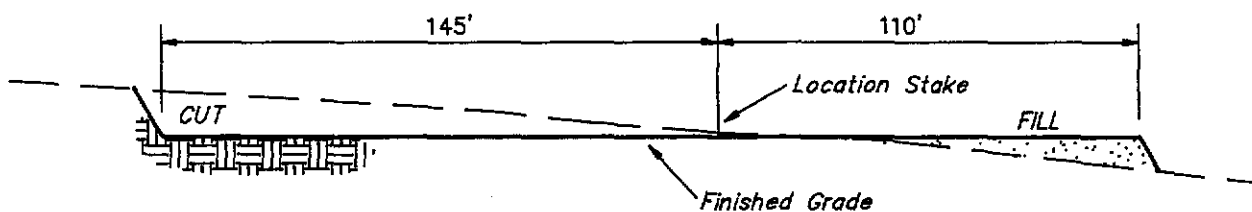
600' FSL 2100' FWL



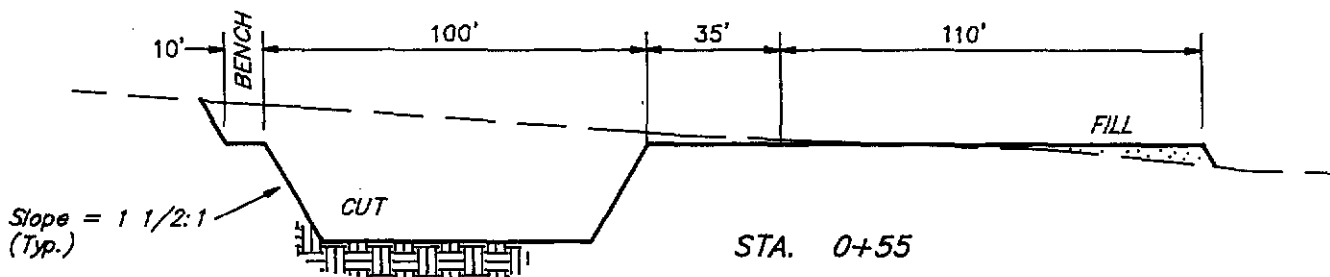
DATE: 1-17-97  
Drawn By: C.B.T.  
Revised: 3-11-97 C.B.T.



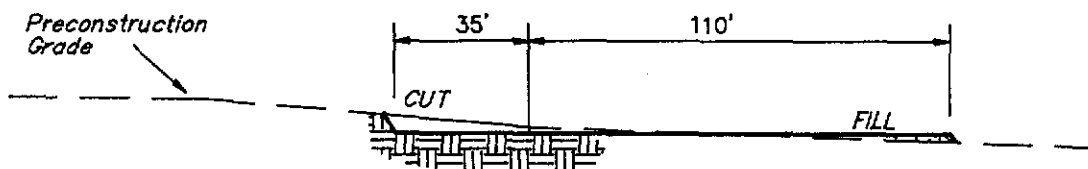
STA. 3+25



STA. 1+50



STA. 0+55



STA. 0+00

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 1,140 Cu. Yds.

Remaining Location = 4,370 Cu. Yds.

TOTAL CUT = 5,510 CU.YDS.

FILL = 2,050 CU.YDS.

#### EXCESS MATERIAL AFTER 5% COMPACTION

= 3,350 Cu. Yds.

Topsoil & Pit Backfill  
(1/2 Pit Vol.)

= 2,480 Cu. Yds.

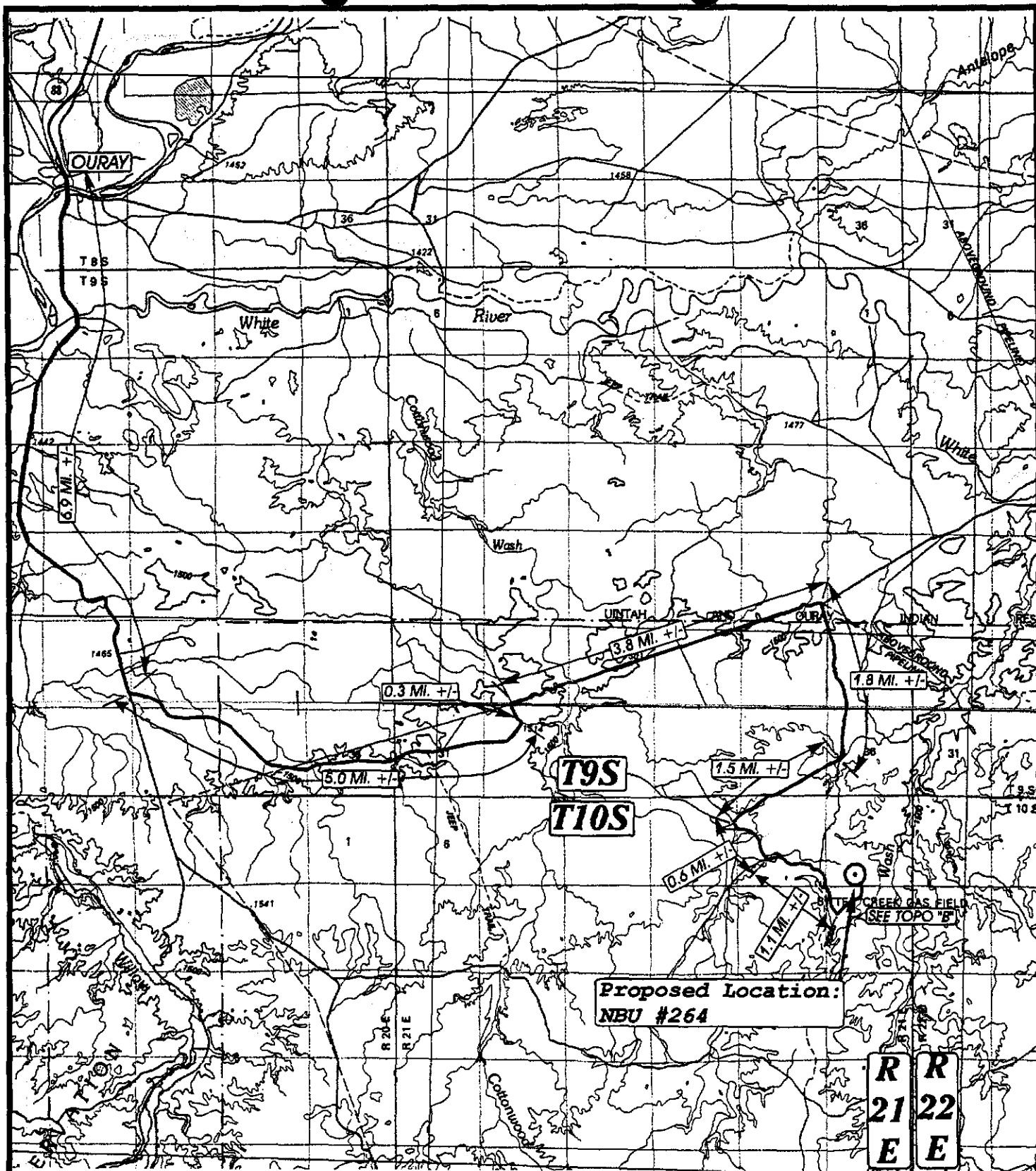
EXCESS UNBALANCE  
(After Rehabilitation)

= 870 Cu. Yds.

FIGURE #2

UINTAH ENGINEERING & LAND SURVEYING

85 South 200 East Vernal, Utah



UELS

TOPOGRAPHIC  
MAP "A"

DATE: 11-26-96  
Drawn by: C.G.

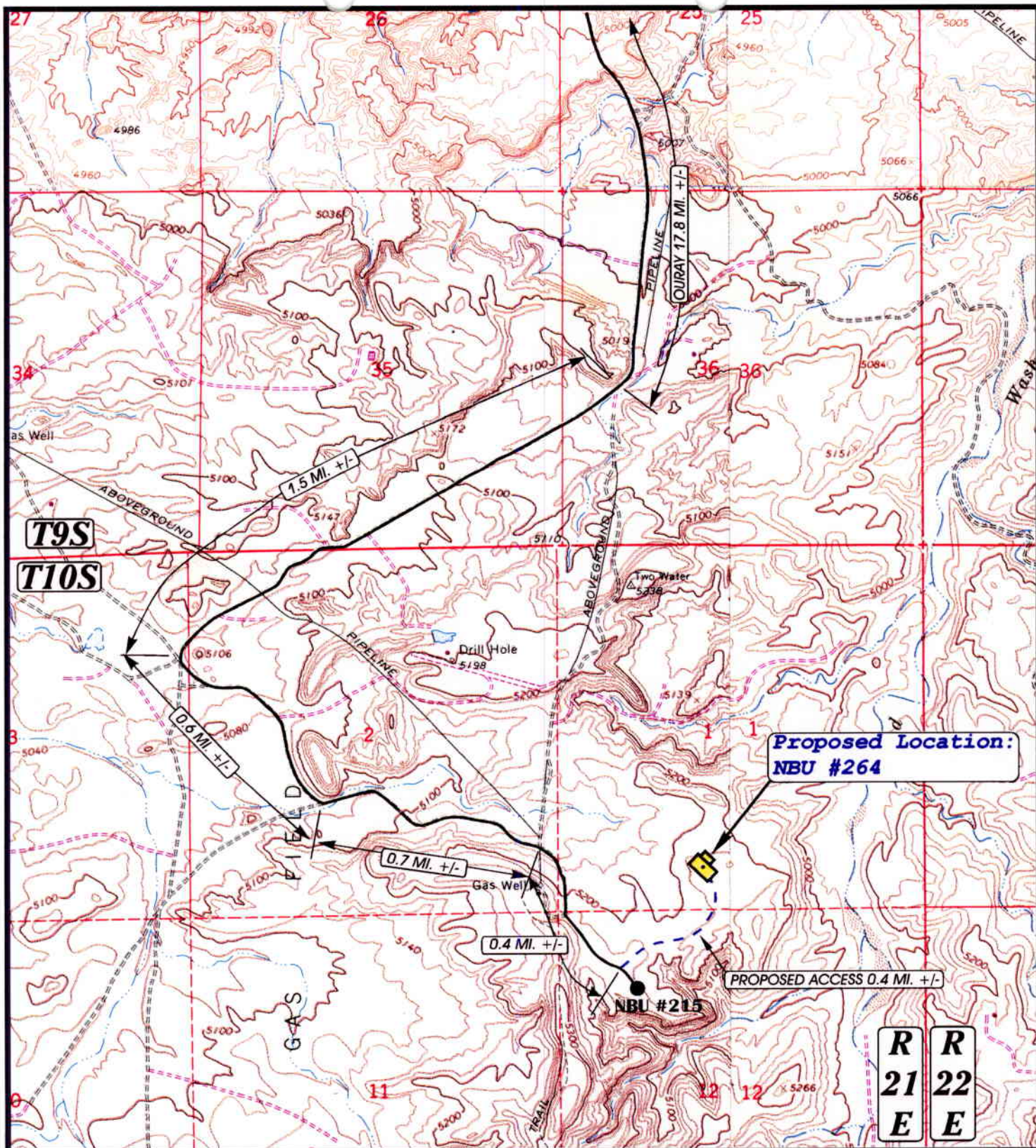
UNTAR ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



COASTAL OIL & GAS CORP.

NBU #264  
SECTION 1, T10S, R21E, S.L.B.&M.  
600' FSL 2100' FWL





**UELS**

**TOPOGRAPHIC  
MAP "B"**

**DATE: 12-24-96**  
**Drawn by: C.G.**

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

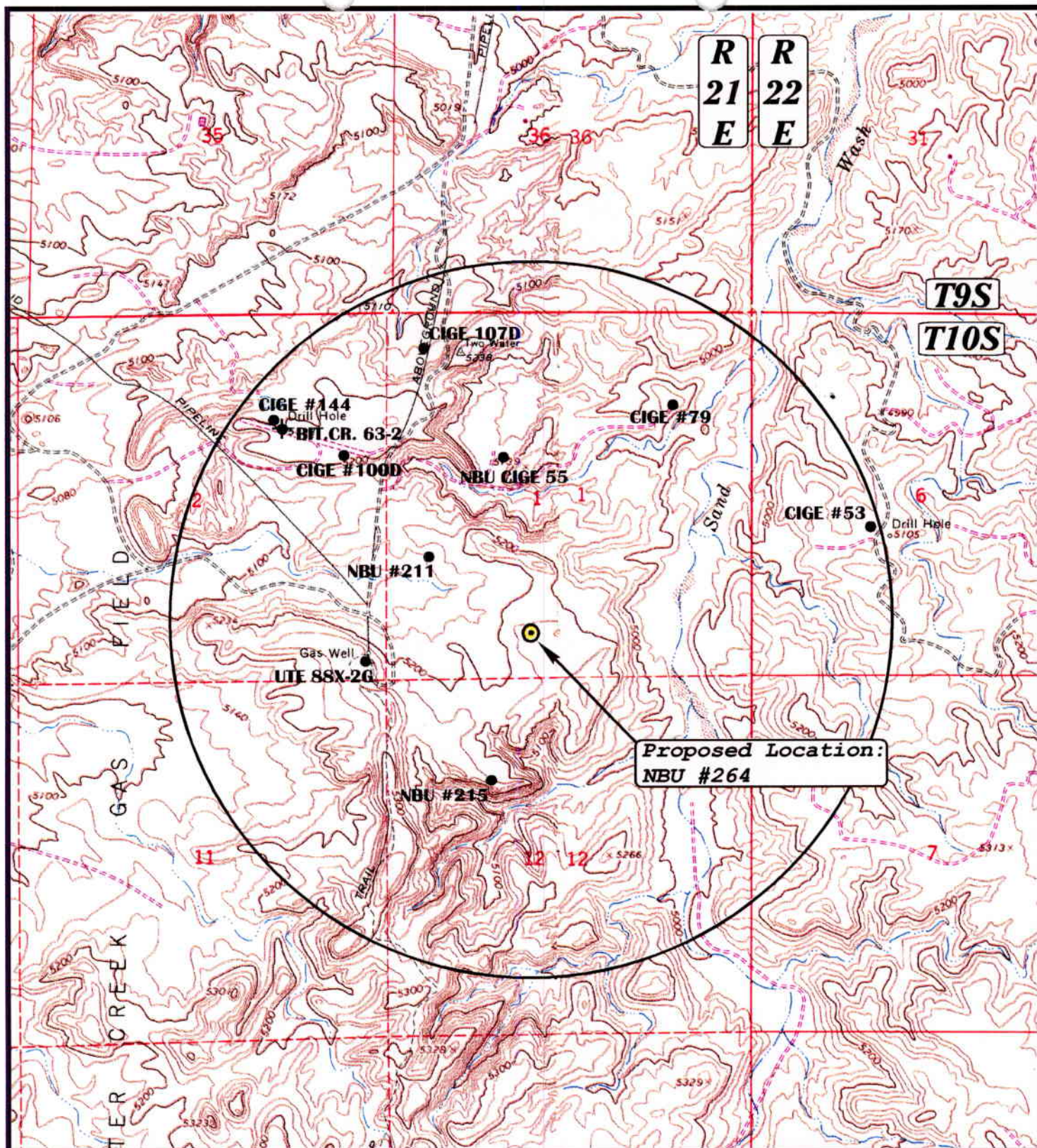


**SCALE: 1" = 2000'**

**COASTAL OIL & GAS CORP.**

**NBU #264**  
**SECTION 1, T10S, R21E, S.L.B.&M.**  
**600' FSL 2100' FWL**





# **LEGEND:**

- Water Wells
- Abandoned Wells
- Temporarily Abandoned Wells
- Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-in Wells

Utah Engineering & Land Surveying  
85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017



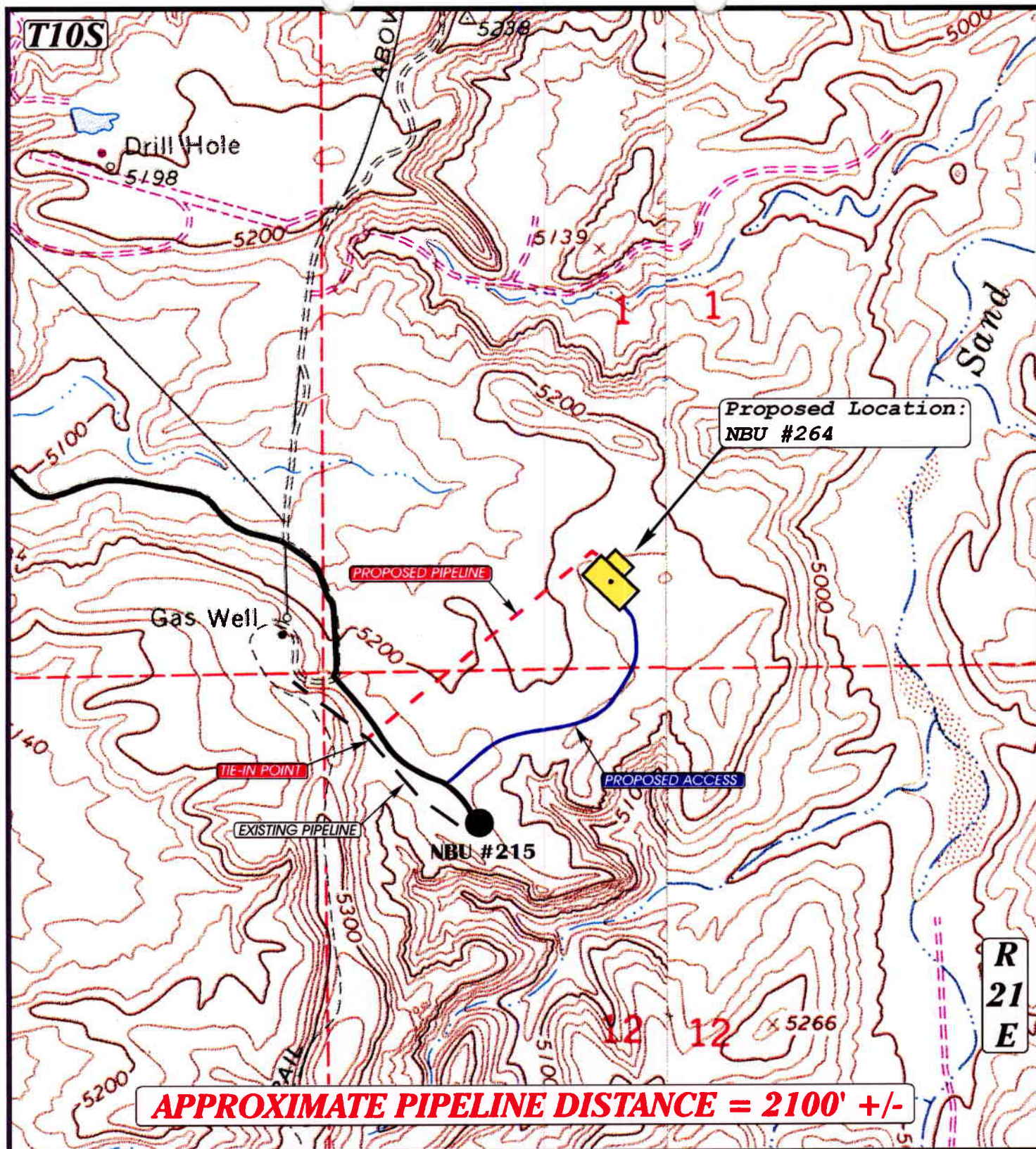
SCALE: 1" = 2000'

## **COASTAL OIL & GAS CORP.**

NBU #264  
SECTION 1, T10S, R21E, S.L.B.&M.  
**TOPOGRAPHIC  
MAP "C"**

DATE: 12-26-96  
DRAWN BY: C.G.





**TOPOGRAPHIC  
MAP "D"**

**UELS**

- — — — Existing Pipeline
- - - - Proposed Pipeline



UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 1000'

**COASTAL OIL & GAS CORP.**

**NBU #264**  
**SECTION 1, T10S, R21E, S.L.B.&M.**

**DATE: 12-26-96**  
**Drawn by: C.G.**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/30/97

API NO. ASSIGNED: 43-047-33000

WELL NAME: NBU 264  
OPERATOR: COASTAL OIL & GAS (N0230)

PROPOSED LOCATION:

SESW 01 - T10S - R21E  
SURFACE: 0600-FSL-2100-FWL  
BOTTOM: 0600-FSL-2100-FWL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

LEASE TYPE: FED  
LEASE NUMBER: U - 02842-B

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(Number 4605328-9)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number 43-8496)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

☒ R649-2-3. Unit: NATURAL BUTTES  
☐ R649-3-2. General.  
☐ R649-3-3. Exception.  
☐ Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS:

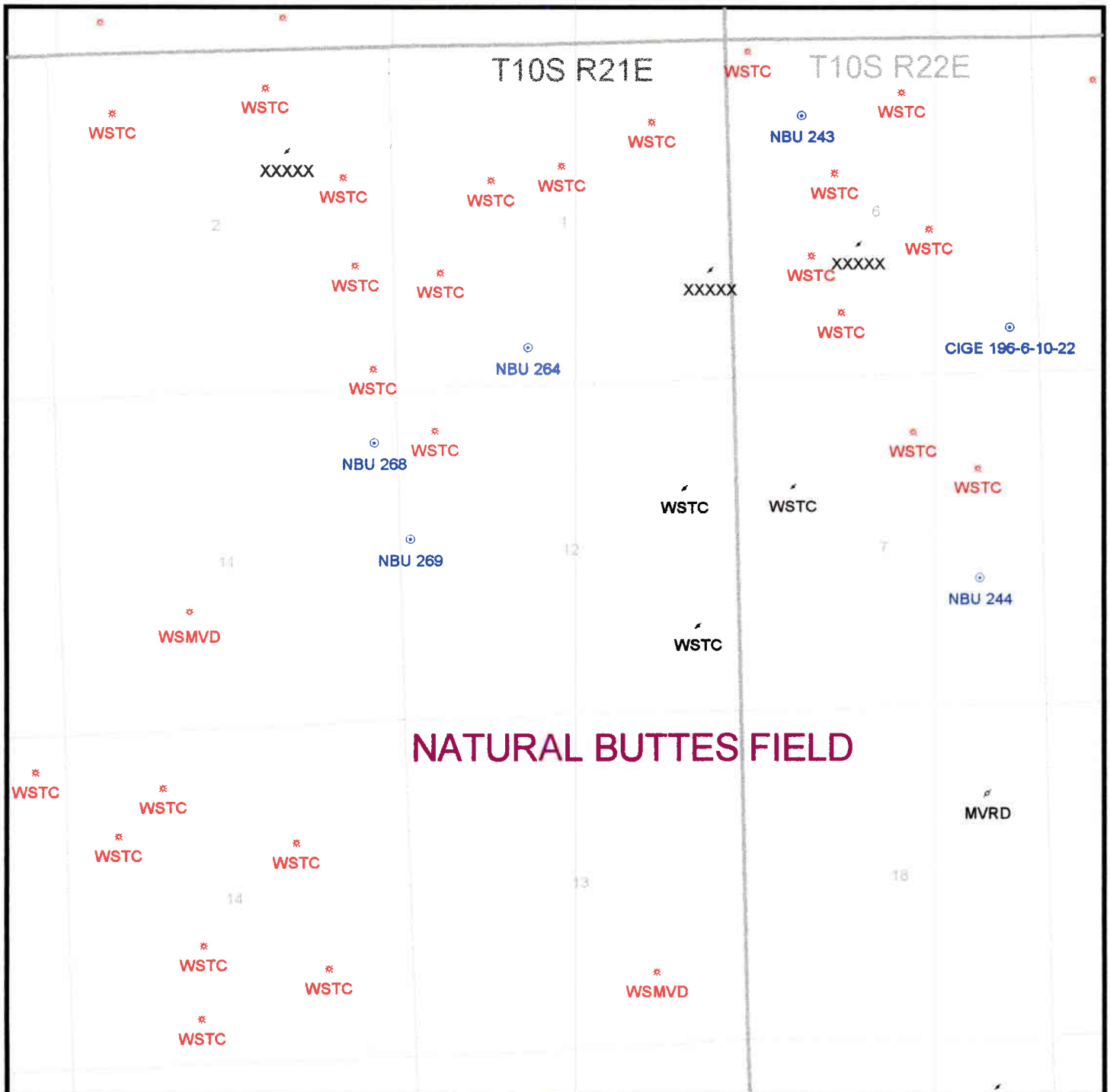
STIPULATIONS: 1. Oil shale - 4 1/2" casing

OPERATOR: COASTAL OIL & GAS (N0230)

FIELD: NATURAL BUTTES ( 630)

SEC. TWP, RNG:1,11,12, T10S, R21E

COUNTY: UINTAH UAC: R649-2-3 NATURAL BUTTES UNIT



DATE PREPARED:  
1-OCT-1997



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPL  
(Other instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐

## 2. NAME OF OPERATOR

Coastal Oil &amp; Gas Corporation

## 3. ADDRESS AND TELEPHONE NO.

P.O. Box 749, Denver, CO 80201-0749

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

600' FSL &amp; 2100' FWL

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 21.4 miles southeast of Ouray, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 600'

## 16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/A

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

See Topo Map C

## 19. PROPOSED DEPTH

6400'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ungraded GR - 5211.0'

## 22. APPROX. DATE WORK WILL START\*

Upon approval

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24.

SIGNED

TITLE

Sheila Bremer

Environmental &amp; Safety Analyst

DATE

9/26/97

(This space for Federal or State office use)

CONDITIONS OF APPROVAL ATTACHED

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

Assistant Field Manager  
Mineral Resources

DATE

JAN 20 1998

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DGM 114080-711-432

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: NBU 264

API Number: 43-047-33000

Lease Number: U-02842-B

Location: SESW Sec. 01 T. 10S R. 21E

### **CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. **DRILLING PROGRAM**

1. **Casing Program and Auxiliary Equipment**

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 3,826 ft.

**SURFACE USE PROGRAM**  
**Conditions of Approval (COAs)**

- The reserve pit topsoil should be piled separately as shown on the cut sheet.
- The location topsoil pile should be seeded immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed. The seed mix is provided in the APD. All poundages are in Pure Live Seed.
- Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

January 29, 1998

Coastal Oil & Gas  
P.O. Box 749  
Denver, CO 80201-0749

Re: Natural Buttes Unit NBU 264, 600' FSL, 2100' FWL, SE SW  
SEC. 1, T. 10 S., R.21 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33000.

Sincerely,

A handwritten signature in cursive script, reading 'John R. Baza'.

John R. Baza  
Associate Director

1s

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Coastal Oil & Gas Corporation  
Well Name & Number: Natural Buttes NBU 264  
API Number: 43-047-33000  
Lease: U-02842-B  
Location: SE SW Sec. 1 T. 10 S. R. 21 E.

#### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with the Order in Cause No. 190-5(b) DATED October 28, 1982, the operator shall comply with the requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the 4½" casing is cemented over the entire oil shale section as defined by Rule R649-3-31.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

U-02842-B

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

Natural Buttes Unit

8. Well Name and No.

NBU 264

9. API Well No.

43-047-33000

10. Field and Pool, or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah Utah

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

3a. Address

P.O. Box 749, Denver, CO 80201-0749

3b. Phone No. (include area code)

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

600' FSL & 2100' FWL  
SESW Section 1, T10S-R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                     |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                     |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Extend APD</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

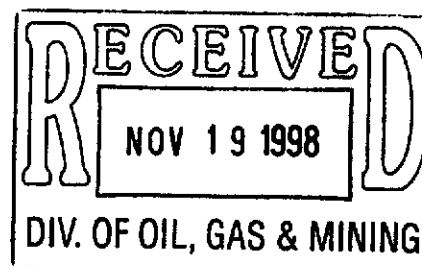
The APD for the referenced well was approved on January 20, 1998. The operator requests that the APD be extended for an additional year so that drilling may be completed..

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 11/23/98

By: *[Signature]*

COPY SENT TO OPERATOR  
Date: 11-23-98  
Initials: CHD



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Sheila Bremer

Title

Environmental & Safety Analyst

Date 11/17/98

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

U-02842-B

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.  
Natural Buttes Unit

8. Well Name and No.

NBU

264

9. API Well No.

43-047-33000

10. Field and Pool, or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah

Utah

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

3a. Address

P.O. Box 749, Denver, CO 80201-0749

3b. Phone No. (include area code)

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

600' FSL & 2100' FWL  
SESW Section 1, T10S-R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

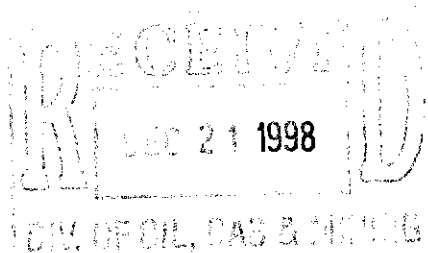
- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                      |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                      |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Spud Notice</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |  |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

11/25/98: MI & RU Bill Martin Drilling and drill 257' of 11" hole; ran 7 jts 8 5/8" 24# J-55 csg with Howco shoe; Total 251.48. Cmt with Halliburton; pumped 20 bbls gel water ahead of 100 sx PAG with 2% CaCl2 and 1/4#/sx Flocele; wt 15.8; yield 1.18; dropped plug and displaced with 14 bbls water; +/- 10 bbls cmt to surface. Hole stayed full.

Notified BLM

Spud at 9:00 AM 11/25/98.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Sheila Bremer

Title

Environmental & Safety Analyst

Date

12/16/98

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 749

Denver, CO 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	02900	43-047-33000	NBU #264	SESW	1	10S	21E	Uintah	11/25/98	11/25/98
WELL 1 COMMENTS: (Coastal) 981222 entity added; (not Buttes U/WSMVD) KDR											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

DEC 21 1998

DIV. OF OIL, GAS & MINING

*Sheila Bremer*  
Signature Sheila Bremer  
Environ. & Safety Analyst 12/16/98  
Title Date  
Phone No. (303) 573-4455

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☐ Oil Well ☒ Gas well ☐ Other

## 2. Name of Operator

Coastal Oil &amp; Gas Corporation

## 3. Address and Telephone No.

P.O. Box 1148 Vernal, UT 84078 (435) 781-7023

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW 600' FSL & 2100' FWL  
Sec. 1, T10S, R21E

## 5. Lease Designation and Serial No.

U-02842-B

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If unit or CA, Agreement Designation

Natural Buttes Unit

## 8. Well Name and No.

NBU #264

## 9. API Well No.

43-047-33000

## 10. Field and Pool, or Exploratory Area

Natural Buttes Unit

## 11. County or Parish, State

Uintah County, UT

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

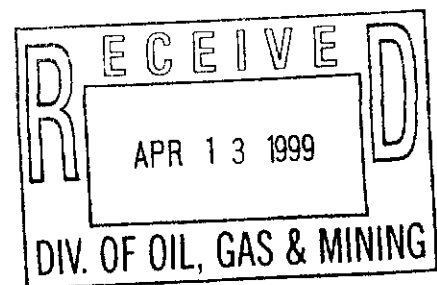
- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other Perf/Frac/ On Production
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Refer to the attached chronological report for the completion operations.

On production 1/19/99.



14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron  
Cheryl Cameron

Title Environmental Analyst4/12/99

(This space of Federal or State office use.)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

NBU #264  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PBTD: 7962     AFE# 28262  
PERFS: 7591-6908  
CSG: 4.5 set @ 8000'

**DRILL & COMPLETE**

**01/12/99     F/PU & RIH w 2 3/8" tbg**

Road rig f/DM ICE # 34-22 to NBU # 264. MI & RU PU NDWH & NU frac valve. PU 3 7/8 mill & 4 1/2 csg scraper. Talley PU & RIH w 2 3/8 tbg to 4855'. POOH w/3 std tbg EOT @ 4675'. SWIFN. CC:\$392,831

**01/13/99     F/RIH w/tbg & spot acid**

RIH w/3 std tbg & f/PU & RIH w 2 3/8 tbg tag PBTD @ 7962'. RU pump & lines & circ. W/115 bbl 3% filter KCL. POOH w 2 3/8 tbg & LD csg scraper & mill. RU Cutter WLS & run CBL-CCL-GR f/PBTD to 4100' & f/2000' to 200' above TOC @ 1750'. Logger PBTD @ 7960'. Press test csg to 4500 psi (OK). Inj rate & press dn 8 5/8-4 1/2 annulus 400psi @ 4 Bpm w/30bbl 3% KCL. RIH w 33/8 select fire gun 2 SPF 180' phasing perf @ 7591', 7576', 7478', 7278', 7196', 7018', 6982', 6908'. Press 0 psi & FL-surface. POOH & RD Cutters. RD floor & NU BOPS. RU floor & RIH w 2 3/8 tbg. EOT @ 3029'. SWIFN. CC:\$402,037

**01/14/99     RU & Swab on well**

SICP-0 psi SITP-0 psi. Open well up f/ RIH w 2 3/8 tbg to 7599'. RU Dowell & spot 11 bbl 15% HCL acid w/add across interval f/6908-7591'. RD Dowell & POOH w/tbg to 6844'. RU Dowell & breakdown perf f/6908-7591'. Pump 10 bbl 15% HCL acid w/add & 24 ball sealer & 33 bbl 3% KCL. Broke @ 2560 psi @ 3 BPM. ISIP-1735 psi. MP-3770 psi MR-5 1/2 BPM AP-3500 psi AR-5 BPM. Total Load 54 Bbl. RD Dowell. RU & swab IFL-surface made 3 runs Rec-83 bbl. Well flowing to tank on 64/64 CH FTP-50 psi SICP-0 psi. Well dead. RU & swab IFL-800' made 10 runs. Rec-50 bbl. FFL-5300'. FCP-160psi FTP-0psi. 28 Bbl. Left Rec. SWIFN CC:\$490,714

**01/15/99     MI & RU Dowell f/frac**

SICP-1930psi SITP-2030 psi Flow well on 18/64 CH f/ 3 1/2 hrs Rec-11 Bbl. SICP-500psi FTP-100psi Chg CH to 64/64 & flow well Rec-1 Bbl. RU & swab IFL-6000' made 2 runs rec-5 Bbl FFL-6800'. Flow well to tank on 32/64 CH. Dry gas SICP-160psi FTP-100psi. RU & swab IFL-6500' made 1 run Rec-11 1/2 bbl. FFL-6800'. Flow well on 32/64 CH. SICP-230 psi FTP-50 psi. Dry gas. Blow well dn. POOH w 2 3/8 tbg f/ frac. RD floor & ND BOP. SWIFN & WO frac. CC:\$494,586

**01/16/99     Flow well & NU BOP & RIH w/tbg**

MI & RU Dowell f/frac held safety mt. Press test lines 5800 psi. SICP-1430 psi. Start frac stage # 1 perf f/6908-7591'. Pump 155860 # 20/40 SD & 20540 # resin coated SD w/20# gel & 24% pad 2-6 ppa stages. Tr w/6-MCI antimony on pad, 12-MCI scandium on 2-4 ppa, & 60-MCI iridium on 5-6 ppa. Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2200 psi Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2220 psi 15-min 2161 psi 30-min 2060 psi. Total load 1255 bbl MP-3479 psi MR-32bpm AP 2833 psi AR-28 bpm RD Dowell. Flow well to tank after frac on 18/64 CH w/1980 psi. Flow well to tank after frac on 18/64 CH w/900 psi rec 176-bbl. Flow well to tank after frac on 18/64 CH w/550 psi rec-121 bbl. Flow well tp tank after frac on 18/64 CH w/350 psi rec-102 bbl rec 399 bbl. SWIFN Schematic (see well file) CC:\$557,481

**01/17/99     Flow well on 18/64 CH after frac**

SICP-950psi. Flow well after frac on 18/64 CH. NU BOP & RU floor. Rec-74 Bbl. W/FCP-200 psi chg CH to 48/64 & blow well dn. Rec-50 Bbl. RIH w 2 3/8 tbg to 7770' 179' below BTM perf. No fill. RU pump lines & circ hole w/100 bbl. 3 % KCL. LD 29 jts 2 3/8 tbg. PU hanger land w/217 jts 2 3/8 4/7 J-55 tbg. W/NC & SN EOT @ 6855' & SN @ 6822'. RD floor & tbg equip. ND BOP & NUWH. Flow well to tank after frac on 32/64 CH FTP-50 psi SICP-0psi. Flow well to tank after frac chg CH to 18/64 w/FTP-200psi SICP-0psi Rec-135 Bbl. RD & MO PU & Road Rig to Tribal # 36-53. SDFD & until monday morning. CC:\$ 586,456

**01/18/99     Flow back report**

- 01/31/99 Well on Prod**  
RU Dowell to 8 5/8- 4 1/2 csg Annulus f/top dn job. Pump 20 bbl. LCM Pill. Lead w/65 sx class (G) w/add WT-11.5 YD-3.18. Tail w/190 sx class (G) w/add wt-11.5 YD-3.16. Flush w/1 bbl H2O. ISIP-123psi. MP-240psi @ 2.5 BPM. AP-160psi @ 2 BPM. Wash up & RD Dowell. Open csg valve w/press. CC:\$ 602,410
- 02/03/99 Prep to set CIBP @ 7400'**  
Road Colo. Well Service Rig # 26 from NBU 70N3 to NBU 264 MI & RU, Blow well down. NDWH, NUBOP. POOH w 2 3/8" tbg. SDFN. CC:\$ 606,730
- 02/04/99 Shut in for pressure build up**  
SICP-500psi. Blow well down. MI & RU Cutters WLS. Set CIBP @ 7410' & dumped 1 sk cement on plug. RDWL. RIH w/NC, 1 jt 2 3/8" tbg, PSN & 220 jts 2 3/8"tbg. Landed w/EOT @ 6982' & PSN @ 6949'. NDBOP, NUWH. Ru swab. SICP-40psi. Made 8 swb runs, Rec. 35 bbls wtr. IFL@4100', FFL scattered from 2000' to SN. SICP 300psi. Hvy gas cut fluid w/ strong blow behind swab. Shut well in for press build up. SDFN. (Water sample after last swb run-CL=20,000MG/L) CC:\$614,650
- 02/06/99 Swab well**  
SICP 700 psi, SITP 110 psi, MI&RU Delso swabbing unit, made 1 run found FL @ 2800'. Well flow for 1 1/2 hrs recovered 12 bbls. Well die. Made 7 runs FFL @ 4600' gas cut. Recovered total of 38 bbls. FCP 460 psi FTP 20 psi. SI well SDFN. CC:\$615,718
- 02/07/99 Swab well**  
SICP 820psi SITP 660psi Ran swab found FL @ 4800' Made 9 runs & recovered total of 32 bbls FFL @ 4000' FCP, 4200 psi. FTP 20 psi. Well flow for 15 min after each run & dies. SI well. SDFN. CC:\$ 617,011
- 02/08/99 Swab well**  
ITP 442, ICP782. IFL 4900, 9 runs & 3 trips 35 bbls recovered FFL 3000, FTP=0 FCP=460, gas cut a little flow after each swab. SI well SDFN. Two day Total 67 bbls swabbed. CC:\$618,091
- 02/09/99 Swab Well**  
ITP 760 ICP 766 IFL3600. Turned on 1 1/2 hr then it died, 8 runs & 5 plunger trips 27 bbls total. FTP 40 FCP 440 FFL 4900 gas cut. Last 2 runs pulled just 1.5 bbls. SIFN CC: \$ 619,309
- 02/10/99 Swab well or waiting on order**  
SICP 750 psi SITP 575 psi open well & flowed for 2 1/2 hrs plunger made 5 trips & well died. Ran swab found FL@ 2800' made 2 swab runs well flow for 15 min died. Recovered 20 total bbls FCP 445 psi FTP 0 psi FFL @ 2800' gas cut. RD swab unit RU wireline, pulled bumper spring and check TD @ 7376'. SI well CC: 620,987
- 02/11/99 Swab Well**  
SICP .793 PSI SITP .676 PSI  
Turn well on to tank flow for 1 hr. Well died. Ran swab found FL @ 4800'. Made 2 more runsblow for 10 min well died. Did recover medium sand on swab cups. FFL @ 5200' recovered total of 10 bbls FCP.415 psi/ FTP 0 psi. Left well on. SDFN
- 02/25/99 RIH isolate perfs/inject 15% HCL**  
MIRU GWS # 101 ITP 1700psi ICP 1700psi blew dwn well. NU frac valve & BOPS RU floor& POOH (SLM) killed well w/20 bbls 1/2 way out RU Cutters WLS RIH set plug at 6670' PUBailer RIH dump 1 sx sand on plug fill hole w/80 BBL & test plug to 1500 psi. PU 3 1/8 select fire gun . RIH corr. To CNL/LDT perf Wasatch @ 4668-5420'-5557' 5754-6084'6400'-6516'-6630' All 2 SPF 16 total holes. RD Cutters PU Halliburton PIPP tool had 50 psi on well after rigging down Cutters 45 mins + PU PIPP tool RIH w/ 143 jts EOT 4605. SIFN CC: \$8330
- 02/26/99 Flow test well**  
Casing & tbg had 20 psi blew down. RIH test tool @ 6610' isolate perf 6630' pump 250 gal & 1000 gal 3% KCL w/ surfactant in formation broke @ 2280 psi avg 3900 at 4.8 bpm ISIP 1736 run bleed off test 5 min 1305 10=1162 15=1062 & 30=896. LD 4 jts isalate 6516 pump same 250 15% and 1000 gal 3% broke @ 4000psi tight till acid hit perf then pumped @ avg 4.3 bpm @ 4100 psi ISIP 2125 5 min=1998 10=1973 15=1942&30=1863. LD 3 jts isalate 6400' broke at 3935 psi pump in @ 4.6 bpm @ avg 4000 psi ISIP 1947 psi 5 min=1752 10=1636 15=1538 & 30 min=1314. LD 10 jts isalate perf 6084' broke @ 4000 psi pump in @ 4.7 @ 3686 psi ISIP 1527 psi 5 min=1347 10=1303 15=1240 30 min=1112 psi. LD 11 jts isalate perf. 5754' broke @ 3170 pump @ 5.3 bpm @ 3985 psi ISIP 1655 psi 5 min =1611 10=1028 15=900 and 30 min=685. LD 6 jts isalate perf 5557'. Broke @ 1819 pump @ 5.5=4240 psi ISIP 1588 psi 5 min=731 10 min=497 15=364 & 30 =324. LD 4 jts isalate perf.

5420' broke @ 4048 psi pump in @ 5.2 bpm @ avg 3370 psi. ISIP 1002 psi 5 min=750 10=626 15=592 & 30min= 529psi. LD 24 jts isalate perf 4668' broke @ 9992 psi pump in at 5.2 bpm @ 3475 psi ISIP 1441 5 min=1062 10= 922 15=822 & 30 min=635 psi all zones 250 gal 15% HCL & 1000 gal 3% KCL w/surfactant LD 3 jts E. O. Tools 4605' RU sand line fish dart valve f/tool flowed 22 bbl up casing as we fished hook line to tbg turn over to flow crew.  
CC:\$ 24,798

02/27/99

Flow back report (see well file)

SICP-260#	FTP-300#	Bbl wtr	Choke 18/64	7:00AM
280#	300#	5.5	18/64	8:00 AM
300#	280#	11	18/64	9:00AM
320#	300#	11	18/64	10:00AM
340#	300#	5.5	18/64	11:00AM
360#	300#	5.5	18/64	12:00 AM
380#	280#	5.5	22/64	1:00PM
380#	280#	11	18/64	2:00PM

TTL bbls 55 bbls WTR, 28 bbls left to recover. SDFN

Note: no sand

02/28/99

Flow back report (see well file)

03/02/99

Flow back report (see well file)

03/03/99

**Recompletion/WO recompletion ProSICP-400psi FTP-180psi on 18/64 CH.** Blow well dn. pump 15 bbl 3% KCL dn tbg POOH w 2 3/8tbg & P.I.P.P tools & LD W.O. L-80 tbg f/ yard. Kill well w/45 bbl. 3% KCL. PU 4 1/2 RBP & Ret tool talley PU & RIH w 2 3/8 L-80tbg to 2846' chg in orders. POOH w 2 3/8 tbg & RBP. SDFN CC: \$30,957

03/04/99

**RIH w/tbg & PKR & RU Halliburton f/frac SICP-950psi** Blow well dn RU Cutters & RIH w 3 1/8 select fire gun 90 degree phasing. Add additional perf 6630-4perf, 6400-2 perf, 5754-3perf & 5420-8 perf. Press 0 psi FL 700'. POOH & RD Cutters. PU & RIH w 2 3/8 L-80 tbg to 2000' kill well w/16 bbl dn tbg. PU & RIH w 2 3/8 L-80 to 3600'. Kill well w/10 bbl dn tbg. POOH w 2 3/8 L-80 tbg. SWIFN. CC: \$34,894

03/05/99

Flow back report(see well file)

**Flow well after frac on 18/64 CH** SICP-750psi Blow well dn. PU 4 1/2" HD PKR 1 jt SN RIH w/ 2 3/8 L-80 tbg to 6651'. Load hole w/105 bbl 3% KCL dn csg set PKR @ 6651' press test 5000psi (OK). POOH w 2 3/8 tbg & set PKR @ 6212'. RU Halliburton f/frac held safety mtg & press test lines 8300 psi. Set pop off on csg 1000 psi. Start frac stage # 1 perf f/6400'-6630'. Pump 43 bbl PAD shut dn ISIP-1675 psi 10 hole open. Pump 171200# 20/40 SD. 2-7 PPG stage. 25# Gel. 28% PAD. Flush w /25 bbl ISIP-2546 psi. 5 min 2440psi 10 min 2254psi 15 min 2213 psi 30 min 2127 psi. Total load 1323 bbl. MP-6800 psi MR-17 bpm AP-4900 psi AR-15 bpm. TR PAD w 8/MCI antimony. 2-4 ppg w/13 MCI scandium. 4-7 ppg w/57 MCI iridium. RD Halliburton & hook up flow line to tank. Flow well after frac on 18/64 CH FTP-1920 psi SICP-0 psi w/PKR in hole. Leave well flow to tank.

CC: \$89,394

03/06/99

**RU swab on well after frac**

SICP-400psi FTP-0psi. RU & swab IFL-surface made 3 runs rec-20 bbl frac fluid w/SD FFL-1000'. Blow well dn. Released 4 1/2 HD pkr @ 6212'. POOH w 2 3/8 L-80 tbg & pkr. PU NC 1 jt SN & RIH w 2 3/8 L-80 tbg to 3000'. Well kicking, RU & pump 10 bbl 3% dn tbg f/ RIH w 2 3/8 tbg to 6214'/ RU flowline to tank & flow well open w/SICP-50 psi FTP-0 psi Rec- 15 bbl. RY & swab IFL-surface made 9 runs rec-68 bbl FFL-500'. SICP-500psi FTP-0 psi w/week blow. Leave well open to tank on 18/64 CH. Flow back report (see well file)  
CC:\$104,425

03/07/99

**Flow testing frac perf f/6630-6400'**

SICP-1080 psi FTP-0 psi. RU & swab IFL-200' made 16 runs Rec-190 bbl. RD swab well started flowing. Flow well after frac f/perf 6630-5400' on 32/64 CH SICP-1360 psi FTP-200 psi. Leave well flowing until Monday.  
CC:\$108,195

03/09/99

**Halliburton sand frac**

SICP=880#, FTP=350# on 18/64 CH. Pmp 80 bbl 3% KCL dn csg & kill the well. POOH w 2 3/8" L-80 tbg RIH w/ 4 1/2" Arrow RBP, Ret tool, 4 x 2 3/8" tbg sub, 4 1/2" Arrow HD Pkr, 1 jt 2 3/8" tbg,+45SN, & 194 jts L-80 tbg, set RBP @ 6115', lay dn 1 jt 2 3/8" tbg, fill csg w/95 bbl 3% KCL, set pkr @ 6090'. Test RBP & tbg to 5000#, OK Bleed well off, RLS Pkr, lay dn 20 jts 2 3/8" tbg. PU 6' x 2 3/8" N-80 tbg sub. Set pkr @ 5965', EOT @ 5474' SWI, SDFN  
CC: \$ 113,356

03/10/99

**Flowing well after frac perf (5557-6084)**

SICP= 50psi, SITP=660 psi. MI & RU Halliburton. Held safety mtg. Press test lines to 8200 psi. Fill csg w/5 bbl press test to 400 psi. Pkr set @ 5465' EOT @ 5475'. Frac stage # 2 perf f/5557'-6084'. Pmp'd 38.4 bbl PAD shut dn & fix hyd hose. ISIP 1560 psi. Calculated 11 perfs open. Pump 152640# 20/40 sand, w/1320 bbl 25# Delta fluid gel. 28% PAD 2-5 PPA stages, flush w/22.3 bl trace Pad w/8 MCI antimony, 2-4 ppg w/15 MCI scandium 5 PPG w/47 MCI iridium. ISIP=2252 psi, 5/min=2160 psi, 10/min=2092 psi, 15/min=2036 psi 30/min=1890 psi. Total Load=1355 bbl, Max press=6100 psi, Max rate=16.5 bpm, Avg press=4800 psi, Avg rate=16 bpm. Frac Gr-.83 RD Halliburton. Flow well back after frac. F/perfs 5557' to 6084' on 10/64 Choke, FTP=1620psi. Flowing well after frac on 12/64 CH FTP-1250 psi rec-30 bbl. Flowing well after frac on 14/64 CH FTP-900 psi SICP-40 psi. Rec-40 bbl. TOTAL 70 Bbl. SDFD & leave well flowing.

CC:\$180,326.

03/11/99

**Flowing well after frac perf (5557-6084)**

Flowing well after frac perf f/5557-6084' SICP-80 psi FTP 0-psi blow well dn. Release 4 1/2 PKR@5465' POOH w 2 3/8 L-80 tbg, PKR & RET tool. LDD Tools. PU NC & SN RIH 2 3/8 L-80 tbg tag SD @ 6087' POOH w 2 3/8 tbg. EOT @ 5461' & SN @ 5428' flowing csg on trip rec-77 bbl. Shut in csg tbg flowing on 48/64 CH. Flowing well after frac on 32/64 CH SICP-300 psi FTP-150psi Rec-15 bbl. Flowing well on 32/64 SICP-350 psi FTP-150 psi Rec. 23 bbl. Flowing well on 32/64 CH SCIP-420 psi FTP-150 psi. Rec-30 bbl. Flowing well on 32/64 CH SICP-480 psi FTP-240 psi. Rec-20bbl. Total 165 BBL. Leave well Flowing.

CC:\$ 183,869

03/12/99

**Flow well after frac perf (5557-6084)**

Flow well after frac on 20/64 CH SICP-700 psi FTP-380psi Rec-5 bbl. Flow well on 20/64 CH SICP-680psi FTP-380 psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi 350psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi FTP-350 psi Rec-5 bbl. Flow well on 18/64 CHSICP-650 psi FTP-350 psi Rec-3 bbl. SDFD & leave well flowing.

Flow back report (see well file)

CC:\$18,982

03/13/99

**Flow well after frac perf(5557-6084)**

Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec.-2 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec.-6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec-6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec. 6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec. 3 Bbl.  
Flow well after frac on 18/64 CH SICP-660psi FTP-400psi Rec. 5 Bbl.  
Total Rec-29 Bbl. SDFD & leave well flowing.

Flow back report (see well file)

CC:\$188,058

03/14/99

**Flow well after perf (5557-6084)**

Flowing well after frac on 18/64 CH SICP-640psi FTP-360psi Rec. 2 Bbl.  
Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 12 Bbl.  
Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 5 1/2 Bbl.  
Total 191 1/2 Bbl. Leave well flowing.

Flow back report

CC:\$188,870

03/15/99

Flow back report (see well file)

03/16/99

SICP=460# FTP=250# 18/64 CH. Blow well dn. PMP 80 bbl. 3% KCL dn csg. POOH & lay dn 174 jts L-80 2 3/8" tbg. RIH w/Arrow 4 1/2" x 23# TS RBP, 4 1/2" x 23# HD pkr 172 jts 2 3/8" j-55 tbg. Set plug @ 5472', set pkr @ 5432 Fill csg w/35 bbl 3 % KCL. Test void to 4500#, OK. POOH & lay dn pkr. RD 2 3/8" tbg equip. NDBOP SWI w/frac valve, SDFD.

CC:\$ 193,822

03/16/99

**NBU 264 Natural Buttes Uintah Co., UT WI: 100% AFE: 28439 Perfs: 6,908' - 7,591' WASATCHTD: 8,000' CSG: 4 1/2" @ 8,000' CWC: O TC:185,982 PBTD: 7,376 RECOMP PREP TO FRAC. POOH & LD 2 3/8" WORK STRING. RIH W/ 4 1/2" RBP. SET PLUT @ 5,477'. PRESS. TEST TO 4,500#. POOH W/ PKR. PREP TO FRAC.**

03/16/99

**NBU 264**

MIRU

HALLIBURTON. START FRAC STAGE #3 (4,668' - 5,420') PUMP 222,430# 20/40 SD. 20# GEL. W/ 25% PAD. ISIP - 2,432#. 30 MIN - 1,859#. M/P - 3,240# M/R - 27.2 BPM. A/P - 2,310#. A/R - 27 BPM. RD HALLIBURTON. FLOW WELL AFTER FRAC ON 10/64 CK W/ 1,840#. FLOW WELL FOR 2 HRS. W/ FCP - 1,025#. REC 65 BBLs.

- 03/17/99 **Flow well after frac perf(4668-5420)**  
MI & RI Halliburton held safety mtg. Press test line 5000psi. Start frac stages # 3 (4668-5420) Load hole w /23.4 bbl. PAD pmp 222430# 20/40 Sdw/1123 bbl 20# Delta fluid gel. 25% PAD 2-6 PPA stages. Flush w/71.9 bbl. ISIP -2432psi. 5 min-2040psi 10 min-1961psi 15 min-1946psi 30 min-1859psi. Total load 1814 bbl. MP-3240 psi MR-27.2 bpm AP-2310 psi AR-27 bpm. Frac GR.96 TR Pad w/9 MCI antimony 2-4 PPA w/21 MCI scandium 5-6 PPA w/71 MCI iridium. RD Halliburton. Flow well after frac on 10/64 CH FCP-1840psi. Flow well on 10/64 CH FCP-1500psi Rec-30 bbl. Flow well on 12/64 CH FCP-1025 psi Rec.-35 bbl. Flow well on 14/64 CH FCP-750psi Rec. -50 bbl. Flow well on 16/64 CH FCP-500 psi Rec-55 bbl. Total 170 Bbl. Leave well flowing & turn over flowback crew.  
Flow back report (see well file) CC:\$ 266,362
- 3/17/99 **NBU 264** N D  
FRAC VALVE. NU BOP'S. PU RETR TOOL, 1 JT, SN & RIH W/ TBG. TAG SD @ 5,304' - 116' ABOVE BTM. PERF. RU SWIVEL & BRK. CIRC. W/H2O. CO F/ 5,304'. CIRC CLEAN. RD SWIVEL & POOH W/ TBG. E.O.T. - 4,520' RU TO SWAB.
- 03/17/99 **NBU 264** Natural Buttes Uintah Co., UT WI: 100% AFE: 28439 Perfs: 6,908' - 7,591' WASATCH TD: 8,000' CSG: 4 1/2" @ 8,000' CWC: O TC:266.4PBTD: 7,376 RECOMP FLOW TESTING. FRAC PERFS 4,668' TO 5,420' W/ 222,430# 20/40 SD. DELTA FLUID W/SAND WEDGE. RAMP 2-6 PPA. AIR - 27 BPM @ 2,310#. ISIP - 2,432#. ISIP - 2,432#. 30 MIN - 1,859#. TOT LOAD - 1,899 BBLs. OPEN TO TNK ON 10/64 CK. FLOW 19 HRS. CP: 1,840# TO 5# 10/64 CK. TO 48/64 CK. 30 BWPH TO 8 BWPH. HEAVY SAND TO TRACE. REC 420 BW. LLTR: 1,479 BBLs.
- 03/18/99 **Flow well after frac** on 48/64 CH FCP-0 Rec-6 bbl. ND frac valve & NU BOPS. RU floor & tbg equip. PU Ret tool 1 jt SN & RIH w/ 2 3/8 tbg tag SD @ 5304' 116' above BTM perf. RU swivel & B/circ w 3% KCL. CO f/5304 to 5435. Circ clean. RD swivel & POOH w/ 2 3/8 tbg EOT @ 4520'. RU & swab IFL-surface made 12 runs rec-146 bbl. FFL-500'. SICP-0 psi FTP-0 psi. RD swab. Leave well open to tank on 18/64 CH.  
Flow back report(see well file) CC:\$279,502
- 03/19/99 **Flow well after frac perf (4668-5420)**  
Flow well after frac on 48/64 CH SICP-50 psi FTP-0 psi. RU & swab IFL-100' made 9 runs rec-78 bbl. Well started flowing. Flow well on 64/64 CH SICP-0 psi FTP-10 psi. Flow well on 64/64 CH SICP-20 psi FTP-10 psi Rec-53 bbl. Flow well on 64/64 CH SICP-50 psi FTP-10 psi Rec. -16 bbl. Flow well on 32.64 CH SCIP-100 psi FTP-20 psi REC 11 bbl. SDFD Total 158 bbl. Leave well flowing on 32.64 CH. Flow back report (see well file)  
CC:\$281,789
- 03/20/99 **Flow well on 32/64 CH SICP-420 psi FTP-60 psi.** Flow well on 32/64 CH SICP-430 psi FTP-80 psi Rec- 67.5 bbl. Flow well on 32/64 CH SICP-450 psi FTP-60 psi REC-10 bbl. SDFD Total 77.5 bbl. Leave well flowing to tank. Flow back report ( see well file)  
CC:\$285,024
- 03/21/99 **Flow well on 32/64 CH SICP-480 psi FTP-60 psi.** Flow well on 32.64 CH SICP-500 psi FTP-10 psi Leave well flw to tank. Flow back report (see well file)  
CC:\$285,024
- 03/22/99 **Flow well to flow tk w/flow crew.** Flow back report (see well file) CC:\$285,024
- 03/23/99 **Flow & swab**  
FTP=340# SICP=780# 28/64 CH, FTP=60# SICP=500# 28/64 CH, Rec 13 bbl wtr, light sand. FTP=80# SICP=500# 18/64 CH, Rec 2.5 bbl wtr, light sand. FTP=0# SICP=500# 18/64 CH, rec 2.5 bbl wtr, light sand. Blow csg dn to 200#, land tbg w/hanger(142 jts,+45SN, 1 jt, 4 1/2" Ret tool EOT @ 4530, +45@4495) NDBOP, NUWH. LD 13 stds 2 3/8" tbg out of derrick. RD rig, MIRU Delsco swab rig, Road rig & equip to the NBU # 268. IFL @ 500' made 4 runs, rec 22 bbl wtr. Well flowing, SICP=475 FTP=200#, 32/64 CH. Turn well over to flow crew. Flowed 16 bbl in 13/4 hr. SDFD. Wk end flow rec+133 bbl. Wtr. Rec today=56 bbl. Wtr.  
CC:\$ 290,432
- 03/24/99 **Flow well after frac perf(4668-5420)**  
Flow well on 24/64 CH & swab IFL-500' made 1 run rec-4 bbl. Flow well on 48/64 CH SICP-600 psi FTP-80 psi. Rec-26 bbl. SICP-450 psi FTP-0 psi swab IFL-1500' made 3 runs rec-11 bbl. Flow well on 48/64 CH SICP-450 psi FTP-60 psi. Flow well on 48/64 CH SICP-350 psi FTP-20 psi Rec-8 bbl. Flow well on 48/64 CH SICP-415 psi FTP-15 psi Rec-13 bbl. Swab IFL-1500' made 3 runs rec-10 bbl. Flow well on 48/64 CH SICP-350 psi FTP-20 psi. Flow well on 48/64 CH SICP-360 psi FTP-20 psi Rec-6 bbl. Swab IFL-2500' made 3 runs rec-9 bbl. Flow well 32/64 CH SICP-310 psi FTP-0 psi swab IFL-2200' made 2 runs rec-6 bbl. Flow well on 32/64 CH SICP-350psi FTP-20 psi Rec-3 bbl. Flow well on 32/64 CH SICP-350 psi FTP-30 psi Rec-12 bbl. Flow well on 32/64 CH SICP-375 psi FTP-20 psi Rec

9 bbl.

CC:\$ 291,360

- 03/25/99** Flow well on 32/64 CH SICP-400 psi FTP-20 psi Rec 3 bbl. Swab IFL-1500' made 2 runs Rec-2 bbl. Flow well on 32/64 CH SICP-400 psi FTP-60 psi Flow well on 32/64 CH SICP-450 psi FTP-50 psi Rec-5.5 bbl. Flow well on 32/64 CH SCIP-300 psi FTP-0 psi Rec-2 bbl. Swab IFL-2200' made 2 runs rec-2 bbl. Flow well on 28/64 CH SICP-370 psi FTP-50 psi Rec 7.5 bbl. Flow well on 28/64 CH SICP-400 psi FTP-0 psi Rec-1 bbl. Swab IFL-2700' made 1 run rec-1 bbl. Flow well on 28/64 CH SICP-320 psi FTP-110 psi Rec -2 bbl. Swab IFL-2700' made 2 runs Rec. -2 bbl. Flow well on 28/64 CH SICP-325 psi FTP-40 psi Rec-2 bbl. Total 30 bbl. Flowing & swabbing. CC:\$292,423
- 03/26/99** Flow well - 20/64 CK. SICP - 445#, FTP - 60#, REC 2 BBLS.  
Swab. IFL - 2,200'. Made 2 runs, rec. 2 BBLS.  
Flow well - 24/64 CK. SICP - 275 - 450#, FTP - 20 - 120#, 7 HRS. REC 25 1/2 BLW.  
Swab. IFL - 2,700'. Made 3 runs, rec. 2 BBLS.  
Flow well on 24/64 CK. SICP - 325#, FTP - 190#, REC 0 BBLS. Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 53 BLW, 60 MCF, LLTR: 560 BBLS.
- 03/27/99** Flow well 2 hrs. 24/64 CK. SICP - 400#, FTP - 0# - 90#. REC 2 BBLS.  
Swab. IFL - 2,600'. Made 3 runs, rec 8 BBLS.  
Flow well 6 hrs. 24/64 CK. SICP - 325 - 380#, FTP - 30 - 140# REC 10 BBLS.  
Swab. IFL - 2,600'. Made 2 runs, rec 6 BBLS.  
Flow well 2 hrs. 24/64 CK. SICP - 320 - 350#, FTP - 60 - 120# REC 2 BBLS.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 49 BLW, 100 MCF, LLTR: 511 BBLS.
- 03/28/99** Flow well 1 hr. 24/64 CK. SICP - 550#, FTP - 0# REC 0 BBLS.  
Swab. IFL - 2,700'. Made 3 runs, rec 5 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 500#, FTP - 50# REC 0 BBLS.  
Swab. IFL - 2,800'. Made 3 runs, rec 5 BBLS.  
Flow well 6 hrs. - 24/64 CK. SICP - 325 - 500#, FTP - 20 - 120# REC 16 BBLS.  
Swab. IFL - 2,900'. Made 3 runs. Rec 6 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 400#, FTP - 160#, REC 2 BBLS.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 200 MCF, LLTR: 446 BBLS.
- 03/29/99** Flow well 10 hrs. 24/64 CK. SICP - 350#, FTP - 30 - 150#, REC 16 BBLS.  
Well died. Swab. IFL - 2,900', REC 5 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 30#, REC 1 BBL. All water has light to medium sand.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 250 MCF, LLTR: 360 BBLS.
- 03/30/99** Flow well 4 1/2 hrs. 24/64 CK. SICP - 350 - 400#, FTP - 80 - 100#, REC 9 BBLS.  
Swab. IFL - 2,800'. Made 2 runs, rec 2 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 380#, FTP - 50#, REC 7 BBLS.  
Swab. IFL - 3,000', Made 2 runs, rec 2 BBLS  
Flow well 3 hrs. 24/64 CK. SICP - 250 - 400#, FTP - 110 - 40#, REC 6 BBLS.  
Swab. IFL - 2,700', Made 3 runs, rec 3 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 110#, REC 2 BBLS.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 50 BLW, 175 MCF, LLTR: 288 BBLS.
- 03/31/99** Road rig to loc. MIRU CWS #26. SICP - 500#, FTP - 0#, ND WH, NU BOP'S, NU Floor & TBG. Equip. PU & LD Hanger. PU & RIH w/ 2 3/8" TBG. Tag sand @ 5,333'. RU swivel & break circ. W/H2O. CO sand F/5,333' to 5,420'. Lost returns. Pump 350 BBLS. Rec. 100 BBLS. RU Air foam unit. & break circ. CO sand F/ 5,420' to 5,473'. Circ hole clean. Latch on RBP & kill well W/ 25 BBLS. RD Swivel. POOH W/TBG & RBP to 1,000'. Kill well W/ 50 BBLS. 3% KCL. POOH W/TBG & LD RBP #1. RIH W/ Ret. Tool. & TBG. Kill well W/20 BBLS. PU & RIH W/ TBG. Tag sand @ 6,080'. Break circ W/ Air Foam. CO sand F/ 6,080' to 6,115'. Circ hole clean. Latch RBP. Kill well W/30 BBLS H2O. POOH W/ tbg & RBP #2 to 1,700'. Kill well W/70 BBLS H2O. POOH W/TBG. & LD RBP #2. RIH W/Ret. Tool & TBG. Tag sand @ 6,617'. Break circ W/Air Foam & CO sand F/6,617' to 6,670' (RBP #3).
- 04/01/99** Circ. Hole clean & latch RBP #3. POOH W/TBG & RBP to 1,500'. Kill well W/70 BBLS 3% KCL. POOH W/TBG & LD RBP. PU NC & SN. RIH W/TBG. Tag sand @ 7,327'. Break circ. W/Air Foam & CO sand F/7,327' to 7,410'. Circ. Hole clean. LD 19 jts 2 3/8" 4.7, j-55 TBG. PU Hanger & Land W/216 jts. 2 3/8" 4.7, j-55 TBG. EOT @ 6,831', SN @ 6,798'. RD floor & TBG Equip. ND BOP's & NU WH & Flowline to tank. Blow water out of TBG W/air. Put well to flow tank on 48/64 CK. & watch well. SDFD & Turn well over to flow-



back crew.

- 4/2/99 - FLOWING 550 MCFPD, 1 BWPH, FTP - 450#, CP - 1,000#, 0 SAND, REC 343 BLW / 24 HRS.  
LLTR: 1,665 BBLS. 4/3/99 - FLOWING 550 MCFPD, 7 BWPH, FTP - 520#, CP - 1,000#, 0 SAND,  
EST REC 198 BLW / 24 HRS. LLTR: 1,467 BBLS.
- 4/3/99 - FLOWING 550 MCFPD, 7 BWPH, FTP - 520#, CP - 1,000#, 0 SAND, EST REC 198 BLW / 24 HRS.  
LLTR: 1,467 BBLS.
- 4/4/99 - FLOWING 750 MCFPD, 10 BWPH, FTP - 500#, CP - 990#, LIGHT SAND, REC 236 BLW / 24 HRS.  
LLTR: 1,231 BBLS.
- 4/5/99 - FLOWING 550 MCFPD, 5 BWPH, FTP - 500#, CP - 980#, 0 SAND, REC 138 BLW / 24 HRS.  
LLTR: 1,093 BBLS.
- 4/6/99 - FLOWING - 432 MCFPD, 132 BWPH, FTP - 613#, CP - 887#, 16/64 CK. LP - 90#, LLTR: 807  
BBLS.
- 4/7/99 - FLOWING - 443 MCF, 0 COND., 140 H2O, 531 FTP, 882 SICP, 86 LP, 16/64 CK  
LLTR: 667 BBLS.
- 4/8/99 - FLOWONG - 436 MCF, 0 COND., 130 H2O, 533 FTP, 882 SICP, 72 LP, 16/64 CK  
LLTR: 537 BBLS.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

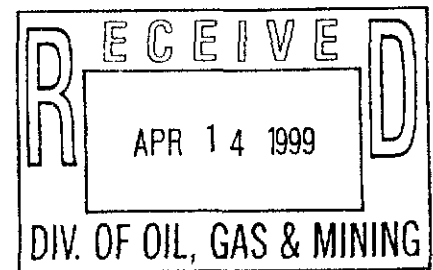
**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>U - 02842-B</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3. Address and Telephone No. <b>P. O. Box 1148 Vernal, Ut 84078 (435) 789-7023</b>	7. If unit or CA, Agreement Designation <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SE/SW Sec 1, T10S, R21E</b>	8. Well Name and No. <b>NBU #264</b>
	9. API Well No. <b>43-047-33000</b>
	10. Field and Pool, or Exploratory Area <b>Nat'l Buttes Field</b>
	11. County or Parish, State <b>Uintah County, UT</b>

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Drilling Operations</u>	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please refer to the attachment for the Drilling Operations for the subject well.



14. I hereby certify that the foregoing is true and correct

Signed Cheryl O. Cameron Title Environmental Analyst Date 4/9/99

**Cheryl Cameron**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

**PERC****WELL CHRONOLOGY REPORT****WELL NAME : NBU #264****DISTRICT : DRLG****FIELD : NATURAL BUTTES****LOCATION :****COUNTY & STATE : UINTAH****UT****CONTRACTOR : COASTALDRIL****WI% : AFE# :****API# : 43 047 33000****PLAN DEPTH :****SPUD DATE : 12/17/98****DHC :****CWC :****AFE TOTAL :****FORMATION :****REPORT DATE : 11/25/98****MD : 257****TVD : 0****DAYS : 0****MW :****VISC :****DAILY : DC : \$24,817****CC : \$0****TC : \$24,817****CUM : DC : \$24,817****CC : \$0****TC : \$24,817**

DAILY DETAILS : 11/25/98: MIRU BILL MARTIN DRLG ; DRILL 257' OF 11" HOLE AND RAN 7 JTS 8-5/8" 24# J-55 CSG WITH HOWCO SHOE; TOTAL 251.48 CMT WITH HALLIBURTON; PUMPED 20 BBLS GEL WATER AHEAD OF 100 SK PAG WITH 2% CACL2 AND 1/4#SK FLOCELE WT 15.8 YLD 1.18; DROPPED PLUG AND DISP WITH 14 BBLS WATER +/- 10 BBLS CMT TO SURF HOLE STAYED FULL NOTIFIED BLM SPUD AT 9AM 11/25/98

**REPORT DATE : 12/17/98****MD : 257****TVD : 0****DAYS :****MW :****VISC :****DAILY : DC : \$9,988****CC : \$0****TC : \$9,988****CUM : DC : \$34,805****CC : \$0****TC : \$34,805**

DAILY DETAILS : RURT PRESS TEST BOPS AND MANIFOLD

**REPORT DATE : 12/18/98****MD : 1,622****TVD : 0****DAYS : 1****MW :****VISC :****DAILY : DC : \$18,607****CC : \$0****TC : \$18,607****CUM : DC : \$53,412****CC : \$0****TC : \$53,412**

DAILY DETAILS : TEST BOPS PU BHA WORK ON MIST PUMP DRLG CMT PLUG AND SHOE DRL TO 262 TEST BOPS WITH BLM AFTER INSTALLING NEW BOTTLE BLATTEN SURVEYS DRILLING SURVEYS DRILLING SURVEYS DRILLING

**REPORT DATE : 12/19/98****MD : 2,700****TVD : 0****DAYS : 2****MW : 8.4****VISC : 27****DAILY : DC : \$24,688****CC : \$0****TC : \$24,688****CUM : DC : \$78,100****CC : \$0****TC : \$78,100**

DAILY DETAILS : DRLG 1682-1899' UNLOAD HOLE DRLG 1899-1930' SURVEYS DRLG 1930-2555' SURVEYS DRLG 2555-2709' CHANGE SWAB OR PUMP DRLG 2709-2770'

**REPORT DATE : 12/20/98****MD : 3,760****TVD : 0****DAYS : 3****MW : 8.4****VISC : 26****DAILY : DC : \$10,505****CC : \$0****TC : \$10,505****CUM : DC : \$88,605****CC : \$0****TC : \$88,605**

DAILY DETAILS : DRLG 2770-3050' SURVEYS DRLG 3050-3570' SURVEYS DRLG 3570-3760'

**REPORT DATE : 12/21/98****MD : 4,652****TVD : 0****DAYS : 4****MW : 8.4****VISC : 26****DAILY : DC : \$10,456****CC : \$0****TC : \$10,456****CUM : DC : \$99,061****CC : \$0****TC : \$99,061**

DAILY DETAILS : DRLG 3760-4071' SURVEYS RIG MAINTENANCE DRLG 4071-4560' SURVEYS CHANGE HEAD IN PUMP DRILLING

**REPORT DATE : 12/22/98****MD : 5,239****TVD : 0****DAYS : 5****MW : 8.5****VISC : 26****DAILY : DC : \$13,838****CC : \$0****TC : \$13,838****CUM : DC : \$112,899****CC : \$0****TC : \$112,899**

DAILY DETAILS : DRLG 4652-4807' REPAIR ROTARY CHAIN DRLG 4807-5022' SURVEYS DRLG 8022-5239'

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 12/23/98 MD : 5.516 TVD : 0 DAYS : 6 MW : 8.4 VISC : 26  
 DAILY : DC : \$20.917 CC : \$0 TC : \$20.917 CUM : DC : \$133.815 CC : \$0 TC : \$133.815  
 DAILY DETAILS : DRLG 5239-5442' WORKON PUMP CHANGE HEADS DRLG 5442-5516 DROP SURVEY AND  
 POOH CHANGE LINERS IN PUMP

REPORT DATE : 12/24/98 MD : 5.516 TVD : 0 DAYS : 7 MW : 8.4 VISC : 26  
 DAILY : DC : \$12.573 CC : \$0 TC : \$12.573 CUM : DC : \$146.388 CC : \$0 TC : \$146.388  
 DAILY DETAILS : WOP CHANGE LINERS GIH; BIT PLUGGED; POOH WITH PLUGGED BIT UNPLUG BIT GIH  
 JAY BRIDGE AT 4900' FILL DP WASHING AND REAMING TO BOTTOM 4900-5400'

REPORT DATE : 12/25/98 MD : 6.225 TVD : 0 DAYS : 8 MW : 8.4 VISC : 26  
 DAILY : DC : \$15.719 CC : \$0 TC : \$15.719 CUM : DC : \$162.107 CC : \$0 TC : \$162.107  
 DAILY DETAILS : WASH AND REAM 5208-5516 DRLG 5516-5921' RIG MAINTENANCE DRLG 5921-6044'  
 SURVEY AT 6000 3/4 DEGR DRLG 1644-6225' BREAKS 5610-5643 5789-5805 5924-  
 5937 5996-6007 6054-6078

REPORT DATE : 12/26/98 MD : 6.813 TVD : 0 DAYS : 9 MW : 8.4 VISC : 26  
 DAILY : DC : \$12.925 CC : \$0 TC : \$12.925 CUM : DC : \$175.032 CC : \$0 TC : \$175.032  
 DAILY DETAILS : DRLG 6225-6533 SURVEY AT 6490 1/2 DEGR RIG SER AND BOP DRIL DRLG 6533-6813'  
 DRLG BREAKS 6264-6273 6332-6347 6600-6620 6689-6702

REPORT DATE : 12/27/98 MD : 7.270 TVD : 0 DAYS : 10 MW : 8.4 VISC : 26  
 DAILY : DC : \$16.081 CC : \$0 TC : \$16.081 CUM : DC : \$191.113 CC : \$0 TC : \$191.113  
 DAILY DETAILS : DRLG 6813-7086 SRUVEY AT 7042 0 DEGR RIG MAINTENANCE DRLG 7086-7270 DRLG  
 BREAKS 6689-6702 6838-6850

REPORT DATE : 12/28/98 MD : 7.582 TVD : 0 DAYS : 11 MW : 8.6 VISC : 26  
 DAILY : DC : \$12.111 CC : \$0 TC : \$12.111 CUM : DC : \$203.224 CC : \$0 TC : \$203.224  
 DAILY DETAILS : DRLG 7270-7345' REPAIR PUMP AIR LINES DRLG 7345-7552' SURVEY AT 7508 1/2 DEGR  
 DRLG 7552-7582' DRLG BREAKS 7240-7256' 7282-7294 7303-7315 7385-7396 7435-  
 7462

REPORT DATE : 12/29/98 MD : 7.660 TVD : 0 DAYS : 12 MW : 8.5 VISC : 3  
 DAILY : DC : \$16.316 CC : \$0 TC : \$16.316 CUM : DC : \$219.541 CC : \$0 TC : \$219.541  
 DAILY DETAILS : DRLG 7552-7660 TRIP OUT FOR BIT CHANGE TRIP IN WITH BIT 3 PLUGGED BIT TRIP OUT  
 REPAIR AIR LINE TRIP OUT WITH PLUGGED BIT UNPLUG BIT 6' PIPE SCALE ABOVE FLOAT  
 TRIP IN; BREAK CIRC AT 4300'

REPORT DATE : 12/30/98 MD : 7.980 TVD : 0 DAYS : 13 MW : 8.5 VISC : 27  
 DAILY : DC : \$13.265 CC : \$0 TC : \$13.265 CUM : DC : \$232.805 CC : \$0 TC : \$232.805  
 DAILY DETAILS : WASH AND REAM 7400-7660 DRLG 7660-7732 RIG MAINTENANCE DRLG 7732-7980'  
 DRLG BREAKS 7732-7742 7784-7798 7925-7936

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 12/31/98 MD : 8,000 TVD : 0 DAYS : 14 MW : 8.5 VISC : 27  
 DAILY : DC : \$20,149 CC : \$0 TC : \$20,149 CUM : DC : \$252,954 CC : \$0 TC : \$252,954

DAILY DETAILS : DRLG 7980-8000' CIRC SHORT TRIP 6' FILL CIRC PMP BRINE POOH FOR LOGS. SLM  
 800+ RU SCHL. RUNTOOLS IN HOLE. HIT BRIDGE @ 4200'. WORKED THRU. HIT BRIDGE @  
 5274'. WOULD NOT GO. TOH W/LOGGING TOOLS PU. TIH W/BIT. BRIDGES 4610-5264', 6918'  
 TOH FOR LOGS RUN LOGGING TOOLS TO 7716'. LOGGING OPERATIONS. BREAKS 7925-  
 7936'

REPORT DATE : 1/1/99 MD : 8,000 TVD : 0 DAYS : 15 MW : VISC :  
 DAILY : DC : \$0 CC : \$136,012 TC : \$136,012 CUM : DC : \$252,954 CC : \$136,012 TC : \$388,966

DAILY DETAILS : LOGGING TIH LD DP TIH LD DP BREAK KELLY REPLACE FAN FELTS ON MOTOR  
 LDDP HWDP AND COLLARS RUN 184 JTS 11.6 4.5 J-55 CSG WASH 7 JTS TO BOTTOM CIRC  
 SAFETY MEETING TEST LINES 4500 PSI PUMP 10 BBL 40# GEL 80 BL H2O F-75 M-1M/ 325 SKS  
 LEAD G 6% D20; 2% D79 .75% D112; .2% D46 5% D44; 2% B-71; 2% D65 12# SLURRY 1800 SK TAIL  
 5050 POZ G 2% D20 .5% B14 /2% D46 .10% D44 BWOW; 14.5 SLURRY; DROP PLUG DISPLACED  
 WITH 123.6 BBL H2O BUMP PLUG 500 OVER HELD ND SET SLIPS 92000 CUT OFF CSG

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☐ Oil Well    ☒ Gas well    ☐ Other

## 2. Name of Operator

Coastal Oil &amp; Gas Corporation

## 3. Address and Telephone No.

P.O. Box 1148 Vernal, UT 84078    (435) 781-7023

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW    600' FSL &amp; 2100' FWL

Sec. 1, T10S, R21E

## 5. Lease Designation and Serial No.

U-02842-B

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If unit or CA, Agreement Designation

Natural Buttes Unit

## 8. Well Name and No.

NBU #264

## 9. API Well No.

43-047-33000

## 10. Field and Pool, or Exploratory Area

Natural Buttes Unit

## 11. County or Parish, State

Uintah County, UT

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

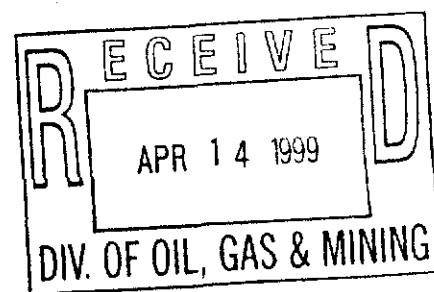
## TYPE OF ACTION

- |   |  |
|---|--|
| <input type="checkbox"/> Abandonment                                      | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Recompletion                                     | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Plugging Back                                    | <input type="checkbox"/> Non-Routine Fracturing  |
| <input type="checkbox"/> Casing repair                                    | <input type="checkbox"/> Water Shut-off          |
| <input type="checkbox"/> Altering Casing                                  | <input type="checkbox"/> Conversion to Injection |
| <input checked="" type="checkbox"/> Other <u>Perf/Frac/ On Production</u> | <input type="checkbox"/> Dispose Water           |
- (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Refer to the attached chronological report for the completion operations.

On production 1/19/99.



## 14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron

Cheryl Cameron

Title Environmental Analyst4/12/99

(This space for Federal or State office use.)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

NBU #264  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PBTD: 7962     AFE# 28262  
PERFS: 7591-6908  
CSG: 4.5 set @ 8000'

**DRILL & COMPLETE**

- 01/12/99     F/PU & RIH w 2 3/8" tbg**  
Road rig f/DM ICE # 34-22 to NBU # 264. MI & RU PU NDWH & NU frac valve. PU 3 7/8 mill & 4 1/2 csg scraper. Talley PU & RIH w 2 3/8 tbg to 4855'. POOH w/3 std tbg EOT @ 4675'. SWIFN. CC:\$392,831
- 01/13/99     F/RIH w/tbg & spot acid**  
RIH w/3 std tbg & f/PU & RIH w 2 3/8 tbg tag PBTD @ 7962'. RU pump & lines & circ. W/115 bbl 3% filter KCL. POOH w 2 3/8 tbg & LD csg scraper & mill. RU Cutter WLS & run CBL-CCL-GR f/PBTD to 4100' & f/2000' to 200' above TOC @ 1750'. Logger PBTD @ 7960'. Press test csg to 4500 psi (OK). Inj rate & press dn 8 5/8-4 1/2 annulus 400psi @ 4 Bpm w/30bbl 3% KCL. RIH w 33/8 select fire gun 2 SPF 180' phasing perf @ 7591', 7576', 7478', 7278', 7196', 7018', 6982', 6908'. Press 0 psi & FL-surface. POOH & RD Cutters. RD floor & NU BOPS. RU floor & RIH w 2 3/8 tbg. EOT @ 3029'. SWIFN. CC:\$402,037
- 01/14/99     RU & Swab on well**  
SICP-0 psi SITP-0 psi. Open well up f/ RIH w 2 3/8 tbg to 7599'. RU Dowell & spot 11 bbl 15% HCL acid w/add across interval f/6908-7591'. RD Dowell & POOH w/tbg to 6844'. RU Dowell & breakdown perf f/6908-7591'. Pump 10 bbl 15% HCL acid w/add & 24 ball sealer & 33 bbl 3% KCL. Broke @ 2560 psi @ 3 BPM. ISIP-1735 psi. MP-3770 psi MR-5 1/2 BPM AP-3500 psi AR-5 BPM. Total Load 54 Bbl. RD Dowell. RU & swab IFL-surface made 3 runs Rec-83 bbl. Well flowing to tank on 64/64 CH FTP-50 psi SICP-0 psi. Well dead. RU & swab IFL-800' made 10 runs. Rec-50 bbl. FFL-5300'. FCP-160psi FTP-0psi. 28 Bbl. Left Rec. SWIFN CC:\$490,714
- 01/15/99     MI & RU Dowell f/frac**  
SICP-1930psi SITP-2030 psi Flow well on 18/64 CH f/ 3 1/2 hrs Rec-11 Bbl. SICP-500psi FTP-100psi Chg CH to 64/64 & flow well Rec-1 Bbl. RU & swab IFL-6000' made 2 runs rec-5 Bbl FFL-6800'. Flow well to tank on 32/64 CH. Dry gas SICP-160psi FTP-100psi. RU & swab IFL-6500' made 1 run Rec-11 1/2 bbl. FFL-6800'. Flow well on 32/64 CH. SICP-230 psi FTP-50 psi. Dry gas. Blow well dn. POOH w 2 3/8 tbg f/ frac. RD floor & ND BOP. SWIFN & WO frac. CC:\$494,586
- 01/16/99     Flow well & NU BOP & RIH w/tbg**  
MI & RU Dowell f/frac held safety mt. Press test lines 5800 psi. SICP-1430 psi. Start frac stage # 1 perf f/6908-7591'. Pump 155860 # 20/40 SD & 20540 # resin coated SD w/20# gel & 24% pad 2-6 ppa stages. Tr w/6-MCI antimony on pad, 12-MCI scandium on 2-4 ppa, & 60-MCI iridium on 5-6 ppa. Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2200 psi Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2220 psi 15-min 2161 psi 30-min 2060 psi. Total load 1255 bbl MP-3479 psi MR-32bpm AP 2833 psi AR-28 bpm RD Dowell. Flow well to tank after frac on 18/64 CH w/1980 psi. Flow well to tank after frac on 18/64 CH w/900 psi rec 176-bbl. Flow well to tank after frac on 18/64 CH w/550 psi rec-121 bbl. Flow well tp tank after frac on 18/64 CH w/350 psi rec-102 bbl rec 399 bbl. SWIFN Schematic (see well file) CC:\$557,481
- 01/17/99     Flow well on 18/64 CH after frac**  
SICP-950psi. Flow well after frac on 18/64 CH. NU BOP & RU floor. Rec-74 Bbl. W/FCP-200 psi chg CH to 48/64 & blow well dn. Rec-50 Bbl. RIH w 2 3/8 tbg to 7770' 179' below BTM perf. No fill. RU pump lines & circ hole w/100 bbl. 3 % KCL. LD 29 jts 2 3/8 tbg. PU hanger land w/217 jts 2 3/8 4/7 J-55 tbg. W/NC & SN EOT @ 6855' & SN @ 6822'. RD floor & tbg equip. ND BOP & NUWH. Flow well to tank after frac on 32/64 CH FTP-50 psi SICP-0psi. Flow well to tank after frac chg CH to 18/64 w/FTP-200psi SICP-0psi Rec-135 Bbl. RD & MO PU & Road Rig to Tribal # 36-53. SDFD & until monday morning. CC:\$ 586,456
- 01/18/99     Flow back report**

- 01/31/99 Well on Prod**  
RU Dowell to 8 5/8- 4 1/2 csg Annulus f/top dn job. Pump 20 bbl. LCM Pill. Lead w/65 sx class (G) w/add WT-11.5 YD-3.18. Tail w/190 sx class (G) w/add wt-11.5 YD-3.16. Flush w/1 bbl H2O. ISIP-123psi. MP-240psi @ 2.5 BPM. AP-160psi @ 2 BPM. Wash up & RD Dowell. Open csg valve w/press. CC:\$ 602,410
- 02/03/99 Prep to set CIBP @ 7400'**  
Road Colo. Well Service Rig # 26 from NBU 70N3 to NBU 264 MI & RU, Blow well down. NDWH, NUBOP. POOH w 2 3/8" tbg. SDFN. CC:\$ 606,730
- 02/04/99 Shut in for pressure build up**  
SICP-500psi. Blow well down. MI & RU Cutters WLS. Set CIBP @ 7410' & dumped 1 sk cement on plug. RDWL. RIH w/NC, 1 jt 2 3/8" tbg, PSN & 220 jts 2 3/8"tbg. Landed w/EOT @ 6982' & PSN @ 6949'. NDBOP, NUWH. Ru swab. SICP-40psi. Made 8 swb runs, Rec. 35 bbls wtr. IFL@4100', FFL scattered from 2000' to SN. SICP 300psi. Hvy gas cut fluid w/ strong blow behind swab. Shut well in for press build up. SDFN. (Water sample after last swb run-CL=20,000MG/L) CC:\$614,650
- 02/06/99 Swab well**  
SICP 700 psi, SITP 110 psi, MI&RU Delso swabbing unit, made 1 run found FL @ 2800'. Well flow for 1 1/2 hrs recovered 12 bbls. Well die. Made 7 runs FFL @ 4600' gas cut. Recovered total of 38 bbls. FCP 460 psi FTP 20 psi. SI well SDFN. CC:\$615,718
- 02/07/99 Swab well**  
SICP 820psi SITP 660psi Ran swab found FL @ 4800' Made 9 runs & recovered total of 32 bbls FFL @ 4000' FCP, 4200 psi. FTP 20 psi. Well flow for 15 min after each run & dies. SI well. SDFN. CC:\$ 617,011
- 02/08/99 Swab well**  
ITP 442, ICP782. IFL 4900, 9 runs & 3 trips 35 bbls recovered FFL 3000, FTP=0 FCP=460, gas cut a little flow after each swab. SI well SDFN. Two day Total 67 bbls swabbed. CC:\$618,091
- 02/09/99 Swab Well**  
ITP 760 ICP 766 IFL3600. Turned on 1 1/2 hr then it died, 8 runs & 5 plunger trips 27 bbls total. FTP 40 FCP 440 FFL 4900 gas cut. Last 2 runs pulled just 1.5 bbls. SIFN CC: \$ 619,309
- 02/10/99 Swab well or waiting on order**  
SICP 750 psi SITP 575 psi open well & flowed for 2 1/2 hrs plunger made 5 trips & well died. Ran swab found FL@ 2800' made 2 swab runs well flow for 15 min died. Recovered 20 total bbls FCP 445 psi FTP 0 psi FFL @ 2800' gas cut. RD swab unit RU wireline, pulled bumper spring and check TD @ 7376'. SI well CC: 620,987
- 02/11/99 Swab Well**  
SICP .793 PSI SITP .676 PSI  
Turn well on to tank flow for 1 hr. Well died. Ran swab found FL @ 4800'. Made 2 more runsblow for 10 min well died. Did recover medium sand on swab cups. FFL @ 5200' recovered total of 10 bbls FCP.415 psi/ FTP 0 psi. Left well on. SDFN
- 02/25/99 RIH isolate perfs/inject 15% HCL**  
MIRU GWS # 101 ITP 1700psi ICP 1700psi blew dwn well. NU frac valve & BOPS RU floor& POOH (SLM) killed well w/20 bbls 1/2 way out RU Cutters WLS RIH set plug at 6670' PUBailer RIH dump 1 sx sand on plug fill hole w/80 BBL & test plug to 1500 psi. PU 3 1/8 select fire gun . RIH corr. To CNL/LDT perf Wasatch @ 4668-5420'-5557' 5754-6084'6400'-6516'-6630' All 2 SPF 16 total holes. RD Cutters PU Halliburton PIPP tool had 50 psi on well after rigging down Cutters 45 mins + PU PIPP tool RIH w/ 143 jts EOT 4605. SIFN CC: \$8330
- 02/26/99 Flow test well**  
Casing & tbg had 20 psi blew down. RIH test tool @ 6610' isolate perf 6630' pump 250 gal & 1000 gal 3% KCL w/ surfactant in formation broke @ 2280 psi avg 3900 at 4.8 bpm ISIP 1736 run bleed off test 5 min 1305 10=1162 15=1062 & 30=896. LD 4 jts isalate 6516 pump same 250 15% and 1000 gal 3% broke @ 4000psi tight till acid hit perf then pumped @ avg 4.3 bpm @ 4100 psi ISIP 2125 5 min=1998 10=1973 15=1942&30=1863. LD 3 jts isalate 6400' broke at 3935 psi pump in @ 4.6 bpm @ avg 4000 psi ISIP 1947 psi 5 min=1752 10=1636 15=1538 & 30 min=1314. LD 10 jts isalate perf 6084' broke @ 4000 psi pump in @ 4.7 @ 3686 psi ISIP 1527 psi 5 min=1347 10=1303 15=1240 30 min=1112 psi. LD 11 jts isalate perf. 5754' broke @ 3170 pump @ 5.3 bpm @ 3985 psi ISIP 1655 psi 5 min =1611 10=1028 15=900 and 30 min=685. LD 6 jts isalate perf 5557'. Broke @ 1819 pump @ 5.5=4240 psi ISIP 1588 psi 5 min=731 10 min=497 15=364 & 30 =324. LD 4 jts isalate perf.



5420' broke @ 4048 psi pump in @ 5.2 bpm @ avg 3370 psi. ISIP 1002 psi 5 min=750 10=626 15=592 & 30min= 529psi. LD 24 jts isalate perf 4668' broke @ 9992 psi pump in at 5.2 bpm @ 3475 psi ISIP 1441 5 min=1062 10= 922 15=822 & 30 min=635 psi all zones 250 gal 15% HCL & 1000 gal 3% KCL w/surfactant LD 3 jts E. O. Tools 4605' RU sand line fish dart valve f/tool flowed 22 bbl up casing as we fished hook line to tbg turn over to flow crew.  
CC:\$ 24,798

- 02/27/99** Flow back report (see well file)
- | SICP-260# | FTP-300# | Bbl wtr | Choke 18/64 |          |
|-----------|----------|---------|-------------|----------|
| 280#      | 300#     | 5.5     | 18/64       | 7:00AM   |
| 300#      | 280#     | 11      | 18/64       | 8:00 AM  |
| 320#      | 300#     | 11      | 18/64       | 9:00AM   |
| 340#      | 300#     | 5.5     | 18/64       | 10:00AM  |
| 360#      | 300#     | 5.5     | 18/64       | 11:00AM  |
| 380#      | 280#     | 5.5     | 18/64       | 12:00 AM |
| 380#      | 280#     | 11      | 22/64       | 1:00PM   |
|           |          |         | 18/64       | 2:00PM   |
- TTL bbls 55 bbls WTR, 28 bbls left to recover. SDFN  
Note: no sand
- 02/28/99** Flow back report (see well file)
- 03/02/99** Flow back report (see well file)
- 03/03/99** **Recompletion/WO recompletion ProSICP-400psi FTP-180psi on 18/64 CH.** Blow well dn. pump 15 bbl 3% KCL dn tbg POOH w 2 3/8tbg & P.I.P.P tools & LD W.O. L-80 tbg f/ yard. Kill well w/45 bbl. 3% KCL. PU 4 1/2 RBP & Ret tool talley PU & RIH w 2 3/8 L-80tbg to 2846' chg in orders. POOH w 2 3/8 tbg & RBP. SDFN CC: \$30,957
- 03/04/99** **RIH w/tbg & PKR & RU Halliburton f/frac SICP-950psi** Blow well dn RU Cutters & RIH w 3 1/8 select fire gun 90 degree phasing. Add additional perf 6630-4perf, 6400-2 perf, 5754-3perf & 5420-8 perf. Press 0 psi FL 700'. POOH & RD Cutters. PU & RIH w 2 3/8 L-80 tbg to 2000' kill well w/16 bbl dn tbg. PU & RIH w 2 3/8 L-80 to 3600'. Kill well w/10 bbl dn tbg. POOH w 2 3/8 L-80 tbg. SWIFN.  
CC: \$34,894
- 03/05/99** Flow back report(see well file)  
**Flow well after frac on 18/64 CH** SICP-750psi Blow well dn. PU 4 1/2" HD PKR 1 jt SN RIH w/ 2 3/8 L-80 tbg to 6651'. Load hole w/105 bbl 3% KCL dn csg set PKR @ 6651' press test 5000psi (OK). POOH w 2 3/8 tbg & set PKR @ 6212'. RU Halliburton f/frac held safety mtg & press test lines 8300 psi. Set pop off on csg 1000 psi. Start frac stage # 1 perf f/6400'-6630'. Pump 43 bbl PAD shut dn ISIP-1675 psi 10 hole open. Pump 171200# 20/40 SD. 2-7 PPG stage. 25# Gel. 28% PAD. Flush w /25 bbl ISIP-2546 psi. 5 min 2440psi 10 min 2254psi 15 min 2213 psi 30 min 2127 psi. Total load 1323 bbl. MP-6800 psi MR-17 bpm AP-4900 psi AR-15 bpm. TR PAD w 8/MCI antimony. 2-4 ppg w/13 MCI scandium. 4-7 ppg w/57 MCI iridium. RD Halliburton & hook up flow line to tank. Flow well after frac on 18/64 CH FTP-1920 psi SICP-0 psi w/PKR in hole. Leave well flow to tank.  
CC: \$89,394
- 03/06/99** **RU swab on well after frac**  
SICP-400psi FTP-0psi. RU & swab IFL-surface made 3 runs rec-20 bbl frac fluid w/SD FFL-1000'. Blow well dn. Released 4 1/2 HD pkr @ 6212'. POOH w 2 3/8 L-80 tbg & pkr. PU NC 1 jt SN & RIH w 2 3/8 L-80 tbg to 3000'. Well kicking, RU & pump 10 bbl 3% dn tbg f/ RIH w 2 3/8 tbg to 6214' RU flowline to tank & flow well open w/SICP-50 psi FTP-0 psi Rec- 15 bbl. RY & swab IFL-surface made 9 runs rec-68 bbl FFL-500'. SICP-500psi FTP-0 psi w/week blow. Leave well open to tank on 18/64 CH. Flow back report (see well file)  
CC:\$104,425
- 03/07/99** **Flow testing frac perf f/6630-6400'**  
SICP-1080 psi FTP-0 psi. RU & swab IFL-200' made 16 runs Rec-190 bbl. RD swab well started flowing. Flow well after frac f/perf 6630-5400' on 32/64 CH SICP-1360 psi FTP-200 psi. Leave well flowing until Monday.  
CC:\$108,195
- 03/09/99** **Halliburton sand frac**  
SICP=880#, FTP=350# on 18/64 CH. Pmp 80 bbl 3% KCL dn csg & kill the well. POOH w 2 3/8" L-80 tbg RIH w/ 4 1/2" Arrow RBP, Ret tool, 4 x 2 3/8" tbg sub, 4 1/2" Arrow HD Pkr, 1 jt 2 3/8" tbg,+45SN, & 194 jts L-80 tbg, set RBP @ 6115', lay dn 1 jt 2 3/8" tbg, fill csg w/95 bbl 3% KCL, set pkr @ 6090'. Test RBP & tbg to 5000#, OK Bleed well off, RLS Pkr, lay dn 20 jts 2 3/8" tbg. PU 6' x 2 3/8" N-80 tbg sub. Set pkr @ 5965', EOT @ 5474' SWI, SDFN  
CC: \$ 113,356

- 03/10/99 Flowing well after frac perf (5557-6084)**  
 SICP= 50psi, SITP=660 psi. MI & RU Halliburton. Held safety mtg. Press test lines to 8200 psi. Fill csg w/5 bbl press test to 400 psi. Pkr set @ 5465' EOT @ 5475'. Frac stage # 2 perf f/5557'-6084'. Pmp'd 38.4 bbl PAD shut dn & fix hyd hose. ISIP 1560 psi. Calculated 11 perfs open. Pump 152640# 20/40 sand, w/1320 bbl 25# Delta fluid gel. 28% PAD 2-5 PPA stages, flush w/22.3 bl trace Pad w/8 MCI antimony, 2-4 ppg w/15 MCI scandium 5 PPG w/47 MCI iridium. ISIP=2252 psi, 5/min=2160 psi, 10/min=2092 psi, 15/min=2036 psi/30/min=1890 psi. Total Load=1355 bbl, Max press=6100 psi, Max rate=16.5 bpm, Avg press=4800 psi, Avg rate=16 bpm. Frac Gr-.83 RD Halliburton. Flow well back after frac. F/perfs 5557' to 6084' on 10/64 Choke, FTP=1620psi. Flowing well after frac on 12/64 CH FTP-1250 psi rec-30 bbl. Flowing well after frac on 14/64 CH FTP-900 psi SICP-40 psi. Rec-40 bbl. TOTAL 70 Bbl. SDFD & leave well flowing.  
 CC:\$180,326.
- 03/11/99 Flowing well after frac perf (5557-6084)**  
 Flowing well after frac perf f/5557-6084' SICP-80 psi FTP 0-psi blow well dn. Release 4 1/2 PKR@5465' POOH w 2 3/8 L-80 tbg, PKR & RET tool. LDD Tools. PU NC & SN RIH 2 3/8 l-80 tbg tag SD @ 6087' POOH w 2 3/8 tbg. EOT @ 5461' & SN @ 5428' flowing csg on trip rec-77 bbl. Shut in csg tbg flowing on 48/64 CH. Flowing well after frac on 32/64 CH SICP-300 psi FTP-150psi Rec-15 bbl. Flowing well on 32/64 SICP-350 psi FTP-150 psi Rec. 23 bbl. Flowing well on 32/64 CH SCIP-420 psi FTP-150 psi. Rec-30 bbl. Flowing well on 32/64 CH SICP-480 psi FTP-240 psi. Rec-20bbl. Total 165 BBL. Leave well Flowing.  
 CC:\$ 183,869
- 03/12/99 Flow well after frac perf (5557-6084)**  
 Flow well after frac on 20/64 CH SICP-700 psi FTP-380psi Rec-5 bbl. Flow well on 20/64 CH SICP-680psi FTP-380 psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi 350psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi FTP-350 psi Rec-5 bbl. Flow well on 18/64 CHSICP-650 psi FTP-350 psi Rec-3 bbl. SDFD & leave well flowing.  
 Flow back report (see well file)  
 CC:\$18,982
- 03/13/99 Flow well after frac perf(5557-6084)**  
 Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec.-2 Bbl.  
 Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec.-6 Bbl.  
 Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec-6 Bbl.  
 Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec. 6 Bbl.  
 Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec. 3 Bbl.  
 Flow well after frac on 18/64 CH SICP-660psi FTP-400psi Rec. 5 Bbl.  
 Total Rec-29 Bbl. SDFD & leave well flowing.  
 Flow back report (see well file)  
 CC:\$188,058
- 03/14/99 Flow well after perf (5557-6084)**  
 Flowing well after frac on 18/64 CH SICP-640psi FTP-360psi Rec. 2 Bbl.  
 Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 12 Bbl.  
 Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 5 1/2 Bbl.  
 Total 191 1/2 Bbl. Leave well flowing.  
 Flow back report  
 CC:\$188,870
- 03/15/99** Flow back report (see well file)
- 03/16/99** SICP=460# FTP=250# 18/64 CH. Blow well dn. PMP 80 bbl. 3% KCL dn csg. POOH & lay dn 174 jts L-80 2 3/8" tbg. RIH w/Arrow 4 1/2" x 23# TS RBP, 4 1/2" x 23# HD pkr 172 jts 2 3/8" j-55 tbg. Set plug @ 5472', set pkr @ 5432 Fill csg w/35 bbl 3 % KCL. Test void to 4500#, OK. POOH & lay dn pkr. RD 2 3/8" tbg equip. NDBOP SWI w/frac valve, SDFD.  
 CC:\$ 193,822
- 03/16/99** NBU 264 Natural Buttes Uintah Co., UT WI: 100% AFE: 28439 Perfs: 6,908' - 7,591' WASATCHTD: 8,000'CSG: 4 1/2" @ 8,000'CWC: O TC:185,982 PBTD: 7,376 RECOMP PREP TO FRAC. POOH & LD 2 3/8" WORK STRING. RIH W/ 4 1/2" RBP. SET PLUT @ 5,477'. PRESS. TEST TO 4,500#. POOH W/ PKR. PREP TO FRAC.
- 03/16/99** **NBU 264** MIRU  
 HALLIBURTON. START FRAC STAGE #3 (4,668' - 5,420') PUMP 222,430# 20/40 SD. 20# GEL. W/ 25% PAD. ISIP - 2,432#. 30 MIN - 1,859#. M/P - 3,240# M/R - 27.2 BPM. A/P - 2,310#. A/R - 27 BPM. RD HALLIBURTON. FLOW WELL AFTER FRAC ON 10/64 CK W/ 1,840#. FLOW WELL FOR 2 HRS. W/ FCP - 1,025#. REC 65 BBLs.

- 03/17/99 **Flow well after frac perf(4668-5420)**  
MI & RI Halliburton held safety mtg. Press test line 5000psi. Start frac stages # 3 (4668-5420) Load hole w /23.4 bbl. PAD pmp 222430# 20/40 Sdw/1123 bbl 20# Delta fluid gel. 25% PAD 2-6 PPA stages. Flush w/71.9 bbl. ISIP -2432psi. 5 min-2040psi 10 min-1961psi 15 min-1946psi 30 min-1859psi. Total load 1814 bbl. MP-3240 psi MR-27.2 bpm AP-2310 psi AR-27 bpm. Frac GR.96 TR Pad w/9 MCI antimony 2-4 PPA w/21 MCI scandium 5-6 PPA w/71 MCI iridium. RD Halliburton. Flow well after frac on 10/64 CH FCP-1840psi. Flow well on 10/64 CH FCP-1500psi Rec-30 bbl. Flow well on 12/64 CH FCP-1025 psi Rec.-35 bbl. Flow well on 14/64 CH FCP-750psi Rec. -50 bbl. Flow well on 16/64 CH FCP-500 psi Rec-55 bbl. Total 170 Bbl. Leave well flowing & turn over flowback crew.  
Flow back report (see well file) CC:\$ 266,362
- 3/17/99 **NBU 264** N D  
FRAC VALVE. NU BOP'S. PU RETR TOOL, 1 JT, SN & RIH W/ TBG. TAG SD @ 5,304' - 116' ABOVE BTM. PERF. RU SWIVEL & BRK. CIRC. W/H2O. CO F/ 5,304'. CIRC CLEAN. RD SWIVEL & POOH W/ TBG. E.O.T. - 4,520' RU TO SWAB.
- 03/17/99 **NBU 264** Natural Buttes Uintah Co., UT WI: 100% AFE: 28439 Perfs: 6,908' - 7,591' WASATCH TD: 8,000' CSG: 4 1/2" @ 8,000' CWC: O TC:266.4PBDT: 7,376 RECOMP FLOW TESTING. FRAC PERFS 4,668' TO 5,420' W/ 222,430# 20/40 SD. DELTA FLUID W/SAND WEDGE. RAMP 2-6 PPA. AIR - 27 BPM @ 2,310#. ISIP - 2,432#. ISIP - 2,432#. 30 MIN - 1,859#. TOT LOAD - 1,899 BBLs. OPEN TO TNK ON 10/64 CK. FLOW 19 HRS. CP: 1,840# TO 5# 10/64 CK. TO 48/64 CK. 30 BWPH TO 8 BWPH. HEAVY SAND TO TRACE. REC 420 BW. LLTR: 1,479 BBLs.
- 03/18/99 **Flow well after frac on 48/64 CH FCP-0 Rec-6 bbl.** ND frac valve & NU BOPS. RU floor & tbg equip. PU Ret tool 1 jt SN & RIH w/ 2 3/8 tbg tag SD @ 5304' 116' above BTM perf. RU swivel & B/circ w 3% KCL. CO f/5304 to 5435. Circ clean. RD swivel & POOH w/ 2 3/8 tbg EOT @ 4520'. RU & swab IFL-surface made 12 runs rec-146 bbl. FFL-500'. SICP-0 psi FTP-0 psi. RD swab. Leave well open to tank on 18/64 CH.  
Flow back report(see well file) CC:\$279,502
- 03/19/99 **Flow well after frac perf (4668-5420)**  
Flow well after frac on 48/64 CH SICP-50 psi FTP-0 psi. RU & swab IFL-100' made 9 runs rec-78 bbl. Well started flowing. Flow well on 64/64 CH SICP-0 psi FTP-10 psi. Flow well on 64/64 CH SICP-20 psi FTP-10 psi Rec-53 bbl. Flow well on 64/64 CH SICP-50 psi FTP-10 psi Rec. -16 bbl. Flow well on 32.64 CH SCIP-100 psi FTP-20 psi REC 11 bbl. SDFD Total 158 bbl. Leave well flowing on 32.64 CH. Flow back report (see well file)  
CC:\$281,789
- 03/20/99 **Flow well on 32/64 CH SICP-420 psi FTP-60 psi.** Flow well on 32/64 CH SICP-430 psi FTP-80 psi Rec- 67.5 bbl. Flow well on 32/64 CH SICP-450 psi FTP-60 psi REC-10 bbl. SDFD Total 77.5 bbl. Leave well flowing to tank. Flow back report ( see well file)  
CC:\$285,024
- 03/21/99 **Flow well on 32/64 CH SICP-480 psi FTP-60 psi.** Flow well on 32.64 CH SICP-500 psi FTP-10 psi Leave well flw to tank. Flow back report (see well file)  
CC:\$285,024
- 03/22/99 **Flow well to flow tk w/flow crew.** Flow back report (see well file) CC:\$285,024
- 03/23/99 **Flow & swab**  
FTP=340# SICP=780# 28/64 CH, FTP=60# SICP=500# 28/64 CH, Rec 13 bbl wtr, light sand. FTP=80# SICP=500# 18/64 CH, Rec 2.5 bbl wtr, light sand. FTP=0# SICP=500# 18/64 CH, rec 2.5 bbl wtr, light sand. Blow csg dn to 200#, land tbg w/hanger(142 jts,+45SN, 1 jt, 4 1/2" Ret tool EOT @ 4530, +45@4495) NDBOP, NUWH. LD 13 stds 2 3/8" tbg out of derrick. RD rig, MIRU Delsco swab rig, Road rig & equip to the NBU # 268. IFL @ 500' made 4 runs, rec 22 bbl wtr. Well flowing, SICP=475 FTP=200#, 32/64 CH. Turn well over to flow crew. Flowed 16 bbl in 13/4 hr. SDFD. Wk end flow rec+133 bbl. Wtr. Rec today=56 bbl. Wtr.  
CC:\$ 290,432
- 03/24/99 **Flow well after frac perf(4668-5420)**  
Flow well on 24/64 CH & swab IFL-500' made 1 run rec-4 bbl. Flow well on 48/64 CH SICP-600 psi FTP-80 psi. Rec-26 bbl. SICP-450 psi FTP-0 psi swab IFL-1500' made 3 runs rec-11 bbl. Flow well on 48/64 CH SICP-450 psi FTP-60 psi. Flow well on 48/64 CH SICP-350 psi FTP-20 psi Rec-8 bbl. Flow well on 48/64 CH SICP-415 psi FTP-15 psi Rec-13 bbl. Swab IFL-1500' made 3 runs rec-10 bbl. Flow well on 48/64 CH SICP-350 psi FTP-20 psi. Flow well on 48/64 CH SICP-360 psi FTP-20 psi Rec-6 bbl. Swab IFL-2500' made 3 runs rec-9 bbl. Flow well 32/64 CH SICP-310 psi FTP-0 psi swab IFL-2200' made 2 runs rec-6 bbl. Flow well on 32/64 CH SICP-350psi FTP-20 psi Rec-3 bbl. Flow well on 32/64 CH SICP-350 psi FTP-30 psi Rec-12 bbl. Flow well on 32/64 CH SICP-375 psi FTP-20 psi Rec

9 bbl.

CC:\$ 291,360

- 03/25/99** Flow well on 32/64 CH SICP-400 psi FTP-20 psi Rec 3 bbl. Swab IFL-1500' made 2 runs Rec-2 bbl. Flow well on 32/64 CH SICP-400 psi FTP-60 psi Flow well on 32/64 CH SICP-450 psi FTP-50 psi Rec-5.5 bbl. Flow well on 32/64 CH SCIP-300 psi FTP-0 psi Rec-2 bbl. Swab IFL-2200' made 2 runs rec-2 bbl. Flow well on 28/64 CH SICP-370 psi FTP-50 psi Rec 7.5 bbl. Flow well on 28/64 CH SICP-400 psi FTP-0 psi Rec-1 bbl. Swab IFL-2700' made 1 run rec-1 bbl. Flow well on 28/64 CH SICP-320 psi FTP-110 psi Rec -2 bbl. Swab IFL-2700' made 2 runs Rec. -2 bbl. Flow well on 28/64 CH SICP-325 psi FTP-40 psi Rec-2 bbl. Total 30 bbl. Flowing & swabbing. CC:\$292,423
- 03/26/99** Flow well - 20/64 CK. SICP - 445#, FTP - 60#, REC 2 BBLS.  
Swab. IFL - 2,200'. Made 2 runs, rec. 2 BBLS.  
Flow well - 24/64 CK. SICP - 275 - 450#, FTP - 20 - 120#, 7 HRS. REC 25 1/2 BLW.  
Swab. IFL - 2,700'. Made 3 runs, rec. 2 BBLS.  
Flow well on 24/64 CK. SICP - 325#, FTP - 190#, REC 0 BBLS. Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 53 BLW, 60 MCF, LLTR: 560 BBLS.
- 03/27/99** Flow well 2 hrs. 24/64 CK. SICP - 400#, FTP - 0# - 90#. REC 2 BBLS.  
Swab. IFL - 2,600'. Made 3 runs, rec 8 BBLS.  
Flow well 6 hrs. 24/64 CK. SICP - 325 - 380#, FTP - 30 - 140# REC 10 BBLS.  
Swab. IFL - 2,600'. Made 2 runs, rec 6 BBLS.  
Flow well 2 hrs. 24/64 CK. SICP - 320 - 350#, FTP - 60 - 120# REC 2 BBLS.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 49 BLW, 100 MCF, LLTR: 511 BBLS.
- 03/28/99** Flow well 1 hr. 24/64 CK. SICP - 550#, FTP - 0# REC 0 BBLS.  
Swab. IFL - 2,700'. Made 3 runs, rec 5 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 500#, FTP - 50# REC 0 BBLS.  
Swab. IFL - 2,800'. Made 3 runs, rec 5 BBLS.  
Flow well 6 hrs. - 24/64 CK. SICP - 325 - 500#, FTP - 20 - 120# REC 16 BBLS.  
Swab. IFL - 2,900'. Made 3 runs. Rec 6 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 400#, FTP - 160#, REC 2 BBLS.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 200 MCF, LLTR: 446 BBLS.
- 03/29/99** Flow well 10 hrs. 24/64 CK. SICP - 350#, FTP - 30 - 150#, REC 16 BBLS.  
Well died. Swab. IFL - 2,900', REC 5 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 30#, REC 1 BBL. All water has light to medium sand.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 250 MCF, LLTR: 360 BBLS.
- 03/30/99** Flow well 4 1/2 hrs. 24/64 CK. SICP - 350 - 400#, FTP - 80 - 100#, REC 9 BBLS.  
Swab. IFL - 2,800'. Made 2 runs, rec 2 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 380#, FTP - 50#, REC 7 BBLS.  
Swab. IFL - 3,000'. Made 2 runs, rec 2 BBLS.  
Flow well 3 hrs. 24/64 CK. SICP - 250 - 400#, FTP - 110 - 40#, REC 6 BBLS.  
Swab. IFL - 2,700'. Made 3 runs, rec 3 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 110#, REC 2 BBLS.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 50 BLW, 175 MCF, LLTR: 288 BBLS.
- 03/31/99** Road rig to loc. MIRU CWS #26. SICP - 500#, FTP - 0#, ND WH, NU BOP'S, NU Floor & TBG. Equip. PU & LD Hanger. PU & RIH w/ 2 3/8" TBG. Tag sand @ 5,333'. RU swivel & break circ. W/H2O. CO sand F/5,333' to 5,420'. Lost returns. Pump 350 BBLS. Rec. 100 BBLS. RU Air foam unit. & break circ. CO sand F/ 5,420' to 5,473'. Circ hole clean. Latch on RBP & kill well W/ 25 BBLS. RD Swivel. POOH W/TBG & RBP to 1,000'. Kill well W/ 50 BBLS. 3% KCL. POOH W/TBG & LD RBP #1. RIH W/ Ret. Tool. & TBG. Kill well W/20 BBLS. PU & RIH W/ TBG. Tag sand @ 6,080'. Break circ W/ Air Foam. CO sand F/ 6,080' to 6,115'. Circ hole clean. Latch RBP. Kill well W/30 BBLS H2O. POOH W/ tbg & RBP #2 to 1,700'. Kill well W/70 BBLS H2O. POOH W/TBG. & LD RBP #2. RIH W/Ret. Tool & TBG. Tag sand @ 6,617'. Break circ W/Air Foam & CO sand F/6,617' to 6,670' (RBP #3).
- 04/01/99** Circ. Hole clean & latch RBP #3. POOH W/TBG & RBP to 1,500'. Kill well W/70 BBLS 3% KCL. POOH W/TBG & LD RBP. PU NC & SN. RIH W/TBG. Tag sand @ 7,327'. Break circ. W/Air Foam & CO sand F/7,327' to 7,410'. Circ. Hole clean. LD 19 jts 2 3/8" 4.7, j-55 TBG. PU Hanger & Land W/216 jts. 2 3/8" 4.7, j-55 TBG. EOT @ 6,831', SN @ 6,798'. RD floor & TBG Equip. ND BOP's & NU WH & Flowline to tank. Blow water out of TBG W/air. Put well to flow tank on 48/64 CK. & watch well. SIDI'D & Turn well over to flow-

back crew.

- 4/2/99 - FLOWING 550 MCFPD, 1 BWPH, FTP - 450#, CP - 1,000#, 0 SAND, REC 343 BLW / 24 HRS. LLTR: 1,665 BBLS. 4/3/99 - FLOWING 550 MCFPD, 7 BWPH, FTP - 520#, CP - 1,000#, 0 SAND, EST REC 198 BLW / 24 HRS. LLTR: 1,467 BBLS.
- 4/3/99 - FLOWING 550 MCFPD, 7 BWPH, FTP - 520#, CP - 1,000#, 0 SAND, EST REC 198 BLW / 24 HRS. LLTR: 1,467 BBLS.
- 4/4/99 - FLOWING 750 MCFPD, 10 BWPH, FTP - 500#, CP - 990#, LIGHT SAND, REC 236 BLW / 24 HRS. LLTR: 1,231 BBLS.
- 4/5/99 - FLOWING 550 MCFPD, 5 BWPH, FTP - 500#, CP - 980#, 0 SAND, REC 138 BLW / 24 HRS. LLTR: 1,093 BBLS.
- 4/6/99 - FLOWING - 432 MCFPD, 132 BWPH, FTP - 613#, CP - 887#, 16/64 CK. LP - 90#, LLTR: 807 BBLS.
- 4/7/99 - FLOWING - 443 MCF, 0 COND., 140 H2O, 531 FTP, 882 SICP, 86 LP, 16/64 CK LLTR: 667 BBLS.
- 4/8/99 - FLOWONG - 436 MCF, 0 COND., 130 H2O, 533 FTP, 882 SICP, 72 LP, 16/64 CK LLTR: 537 BBLS.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Expires: February 25, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U- 02842-B	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1148 Vernal, UT (435)781-7023		8. FARM OR LEASE NAME, WELL NO. #264	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface SE/SW 600' FSL & 2100' FWL At top prod. interval reported below At total depth		9. API WELL NO. 43-047-33000	
10. FIELD AND POOL, OR WILDCAT Natural Buttes		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 1, T10S, R21E	
14. PERMIT NO. 43-047-33000		DATE ISSUED	
12. COUNTY OR PARISH Uintah		13. STATE UT	
15. DATE SPUNDED 11/25/98		16. DATE T.D. REACHED 2/11/99	
17. DATE COMPL. (Ready to prod.) 4/1/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5211' Ungraded GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8055'	
21. PLUG BACK T.D., MD & TVD 7962'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch 4668' - 5420' - 5557' - 5754' - 6084' - 6516' - 6630' 2 SPF 16 Holes MV 7591' - 7576' - 7478' - 7278' - 7196' - 7018' - 6982' - 6908'	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE-ELECTRIC AND OTHER LOGS RUN CBL CCL - GR 1-5-99	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size/Grade		Weight, lb./ft.	
8 5/8		251'	
4 1/2		11.6 #	
8000'		See attached chrono's	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2 7/8		6855'	
31. PERFORATION RECORD (Interval, size and number) Wasatch 2 SPF 16 Holes MV 2 SPF 16 Holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED Refer to attached Chrono's	
33.* PRODUCTION DATE FIRST PRODUCTION 4/1/99 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing		DATE OF TEST 4/23/99 HOURS TESTED 24 CHOKE SIZE 25/64 PROD'N. FOR TEST PERIOD OIL-BBL. 0 GAS-MCF 497 WATER-BBL. 81 GAS-OIL RATIO	
FLOW. TUBING PRESS. 170 CASING PRESSURE 492 CALCULATED 24-HOUR RATE OIL-BBL. 0 GAS-MCF 497 WATER-BBL. 81 OIL GRAVITY-API (CORR.)		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Chrono's		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED Cheryl Cameron TITLE Environmental Analyst DATE 06/03/99	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

See Spaces for Additional Data on Reverse Side

(3/89)

### INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Top	
					Meas. Depth	True Vert. Depth
				Top of Green River	1193'	
				Top of Wasatch	4670'	
				Top of Mesaverde	7165'	

**PERC****WELL CHRONOLOGY REPORT****WELL NAME : NBU #264****DISTRICT : DRLG****FIELD : NATURAL BUTTES****LOCATION :****COUNTY & STATE : UINTAH****UT****CONTRACTOR : COASTALDRIL****WI% : AFE# :****API# : 43 047 33000****PLAN DEPTH :****SPUD DATE : 12/17/98****DHC : CWC :****AFE TOTAL :****FORMATION :****REPORT DATE : 11/25/98****MD : 257****TVD : 0****DAYS : 0****MW :****VISC :****DAILY : DC : \$24,817****CC : \$0****TC : \$24,817****CUM : DC : \$24,817****CC : \$0****TC : \$24,817**

DAILY DETAILS : 11/25/98: MIRU BILL MARTIN DRLG ; DRILL 257' OF 11" HOLE AND RAN 7 JTS 8-5/8" 24# J-55 CSG WITH HOWCO SHOE; TOTAL 251.48 CMT WITH HALLIBURTON; PUMPED 20 BBLS GEL WATER AHEAD OF 100 SK PAG WITH 2% CACL2 AND 1/4#/SK FLOCELE WT 15.8 YLD 1.18; DROPPED PLUG AND DISP WITH 14 BBLS WATER +/- 10 BBLS CMT TO SURF HOLE STAYED FULL NOTIFIED BLM SPUD AT 9AM 11/25/98

**REPORT DATE : 12/17/98****MD : 257****TVD : 0****DAYS :****MW :****VISC :****DAILY : DC : \$9,988****CC : \$0****TC : \$9,988****CUM : DC : \$34,805****CC : \$0****TC : \$34,805****DAILY DETAILS : RURT PRESS TEST BOPS AND MANIFOLD****REPORT DATE : 12/18/98****MD : 1,622****TVD : 0****DAYS : 1****MW :****VISC :****DAILY : DC : \$18,607****CC : \$0****TC : \$18,607****CUM : DC : \$53,412****CC : \$0****TC : \$53,412**

DAILY DETAILS : TEST BOPS PU BHA WORK ON MIST PUMP DRLG CMT PLUG AND SHOE DRL TO 262 TEST BOPS WITH BLM AFTER INSTALLING NEW BOTTLE BLATTEN SURVEYS DRILLING SURVEYS DRILLING SURVEYS DRILLING

**REPORT DATE : 12/19/98****MD : 2,700****TVD : 0****DAYS : 2****MW : 8.4****VISC : 27****DAILY : DC : \$24,688****CC : \$0****TC : \$24,688****CUM : DC : \$78,100****CC : \$0****TC : \$78,100**

DAILY DETAILS : DRLG 1682-1899' UNLOAD HOLE DRLG 1899-1930' SURVEYS DRLG 1930-2555' SURVEYS DRLG 2555-2709' CHANGE SWAB OR PUMP DRLG 2709-2770'

**REPORT DATE : 12/20/98****MD : 3,760****TVD : 0****DAYS : 3****MW : 8.4****VISC : 26****DAILY : DC : \$10,505****CC : \$0****TC : \$10,505****CUM : DC : \$88,605****CC : \$0****TC : \$88,605**

DAILY DETAILS : DRLG 2770-3050' SURVEYS DRLG 3050-3570' SURVEYS DRLG 3570-3760'

**REPORT DATE : 12/21/98****MD : 4,652****TVD : 0****DAYS : 4****MW : 8.4****VISC : 26****DAILY : DC : \$10,456****CC : \$0****TC : \$10,456****CUM : DC : \$99,061****CC : \$0****TC : \$99,061**

DAILY DETAILS : DRLG 3760-4071' SURVEYS RIG MAINTENANCE DRLG 4071-4560' SURVEYS CHANGE HEAD IN PUMP DRILLING

**REPORT DATE : 12/22/98****MD : 5,239****TVD : 0****DAYS : 5****MW : 8.5****VISC : 26****DAILY : DC : \$13,838****CC : \$0****TC : \$13,838****CUM : DC : \$112,899****CC : \$0****TC : \$112,899**

DAILY DETAILS : DRLG 4652-4807' REPAIR ROTARY CHAIN DRLG 4807-5022' SURVEYS DRLG 8022-5239'



**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 12/23/98 MD : 5,516 TVD : 0 DAYS : 6 MW : 8.4 VISC : 26  
 DAILY : DC : \$20,917 CC : \$0 TC : \$20,917 CUM : DC : \$133,815 CC : \$0 TC : \$133,815  
 DAILY DETAILS : DRLG 5239-5442' WORKON PUMP CHANGE HEADS DRLG 5442-5516 DROP SURVEY AND  
 POOH CHANGE LINERS IN PUMP

REPORT DATE : 12/24/98 MD : 5,516 TVD : 0 DAYS : 7 MW : 8.4 VISC : 26  
 DAILY : DC : \$12,573 CC : \$0 TC : \$12,573 CUM : DC : \$146,388 CC : \$0 TC : \$146,388  
 DAILY DETAILS : WOP CHANGE LINERS GIH; BIT PLUGGED; POOH WITH PLUGGED BIT UNPLUG BIT GIH  
 JAY BRIDGE AT 4900' FILL DP WASHING AND REAMING TO BOTTOM 4900-5400'

REPORT DATE : 12/25/98 MD : 6,225 TVD : 0 DAYS : 8 MW : 8.4 VISC : 26  
 DAILY : DC : \$15,719 CC : \$0 TC : \$15,719 CUM : DC : \$162,107 CC : \$0 TC : \$162,107  
 DAILY DETAILS : WASH AND REAM 5208-5516 DRLG 5516-5921' RIG MAINTENANCE DRLG 5921-6044'  
 SURVEY AT 6000 3/4 DEGR DRLG 1644-6225' BREAKS 5610-5643 5789-5805 5924-  
 5937 5996-6007 6054-6078

REPORT DATE : 12/26/98 MD : 6,813 TVD : 0 DAYS : 9 MW : 8.4 VISC : 26  
 DAILY : DC : \$12,925 CC : \$0 TC : \$12,925 CUM : DC : \$175,032 CC : \$0 TC : \$175,032  
 DAILY DETAILS : DRLG 6225-6533 SURVEY AT 6490 1/2 DEGR RIG SER AND BOP DRIL DRLG 6533-6813'  
 DRLG BREAKS 6264-6273 6332-6347 6600-6620 6689-6702

REPORT DATE : 12/27/98 MD : 7,270 TVD : 0 DAYS : 10 MW : 8.4 VISC : 26  
 DAILY : DC : \$16,081 CC : \$0 TC : \$16,081 CUM : DC : \$191,113 CC : \$0 TC : \$191,113  
 DAILY DETAILS : DRLG 6813-7086 SRUVEY AT 7042 0 DEGR RIG MAINTENANCE DRLG 7086-7270 DRLG  
 BREAKS 6689-6702 6838-6850

REPORT DATE : 12/28/98 MD : 7,582 TVD : 0 DAYS : 11 MW : 8.6 VISC : 26  
 DAILY : DC : \$12,111 CC : \$0 TC : \$12,111 CUM : DC : \$203,224 CC : \$0 TC : \$203,224  
 DAILY DETAILS : DRLG 7270-7345' REPAIR PUMP AIR LINES DRLG 7345-7552' SURVEY AT 7508 1/2 DEGR  
 DRLG 7552-7582' DRLG BREAKS 7240-7256' 7282-7294 7303-7315 7385-7396 7435-  
 7462

REPORT DATE : 12/29/98 MD : 7,660 TVD : 0 DAYS : 12 MW : 8.5 VISC : 3  
 DAILY : DC : \$16,316 CC : \$0 TC : \$16,316 CUM : DC : \$219,541 CC : \$0 TC : \$219,541  
 DAILY DETAILS : DRLG 7552-7660 TRIP OUT FOR BIT CHANGE TRIP IN WITH BIT 3 PLUGGED BIT TRIP OUT  
 REPAIR AIR LINE TRIP OUT WITH PLUGGED BIT UNPLUG BIT 6' PIPE SCALE ABOVE FLOAT  
 TRIP IN; BREAK CIRC AT 4300'

REPORT DATE : 12/30/98 MD : 7,980 TVD : 0 DAYS : 13 MW : 8.5 VISC : 27  
 DAILY : DC : \$13,265 CC : \$0 TC : \$13,265 CUM : DC : \$232,805 CC : \$0 TC : \$232,805  
 DAILY DETAILS : WASH AND REAM 7400-7660 DRLG 7660-7732 RIG MAINTENANCE DRLG 7732-7980'  
 DRLG BREAKS 7732-7742 7784-7798 7925-7936

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 12/31/98 MD : 8,000 TVD : 0 DAYS : 14 MW : 8.5 VISC : 27  
 DAILY : DC : \$20,149 CC : \$0 TC : \$20,149 CUM : DC : \$252,954 CC : \$0 TC : \$252,954  
 DAILY DETAILS : DRLG 7980-8000' CIRC SHORT TRIP 6' FILL CIRC PMP BRINE POOH FOR LOGS. SLM  
 800+ RU SCHL. RUNTOOLS IN HOLE. HIT BRIDGE @ 4200'. WORKED THRU. HIT BRIDGE @  
 5274'. WOULD NOT GO. TOH W/LOGGING TOOLS PU. TIH W/BIT. BRIDGES 4610-5264', 6918'  
 TOH FOR LOGS RUN LOGGING TOOLS TO 7716'. LOGGING OPERATIONS. BREAKS 7925-  
 7936'

REPORT DATE : 1/1/99 MD : 8,000 TVD : 0 DAYS : 15 MW : VISC :  
 DAILY : DC : \$0 CC : \$136,012 TC : \$136,012 CUM : DC : \$252,954 CC : \$136,012 TC : \$388,966  
 DAILY DETAILS : LOGGING TIH LD DP TIH LD DP BREAK KELLY REPLACE FAN FELTS ON MOTOR  
 LDDP HWDP AND COLLARS RUN 184 JTS 11.6 4.5 J-55 CSG WASH 7 JTS TO BOTTOM CIRC  
 SAFETY MEETING TEST LINES 4500 PSI PUMP 10 BBL 40# GEL 80 BL H2O F-75 M-1M/ 325 SKS  
 LEAD G 6% D20; 2% D79 .75% D112; .2% D46 5% D44; 2% B-71; 2% D65 12# SLURRY 1800 SK TAIL  
 5050 POZ G 2% D20 .5% B14 /2% D46 .10% D44 BWOW; 14.5 SLURRY; DROP PLUG DISPLACED  
 WITH 123.6 BBL H2O BUMP PLUG 500 OVER HELD ND SET SLIPS 92000 CUT OFF CSG

REPORT DATE : 1/12/99 MD : 8,055 TVD : 0 DAYS : 16 MW : VISC :  
 DAILY : DC : \$0 CC : \$4,325 TC : \$4,325 CUM : DC : \$252,954 CC : \$140,337 TC : \$393,291  
 DAILY DETAILS : ROAD RIG F/DM ICE #34-22 TO NBU #264. MI & RU PU. ND WH. NU FRAC VALVE. PU 3 7/8 MILL &  
 4 1/2 CSG SCRAPER. TALLEY PU & RIH W/2 3/8 TBG TO 4855'. POOH W/3 STDs TBG. EOT @  
 4675'. SWIFN.

REPORT DATE : 1/13/99 MD : 8,055 TVD : 0 DAYS : 17 MW : VISC :  
 DAILY : DC : \$0 CC : \$9,206 TC : \$9,206 CUM : DC : \$252,954 CC : \$149,543 TC : \$402,497  
 DAILY DETAILS : RIH W/3 STD TBG & F/PU & RIH W/2 3/8 TBG. TAG PBTD @ 7962'. RU PMP & LINES & CIRC W/115  
 BBL 3% FILTER KCL. POOH W/2 3/8 TBG & LD CSG SCRAPER & MILL. RU CUTTER WL & RUN  
 CBL-CCL-GR F/PBTD TO 4100' & F/2000' TO 200' ABOVE TOC @ 1750'. LOGGER PBTD @ 7960'.  
 PRESS TEST CSG TO 4500 PSI OK. INJ RATE & PRESS DWN 8 5/8-4 1/2 ANNULUS 400 PSI @ 4  
 BPM W/30 BBL 3% KCL. RIH W/3 3/8 SELECT FIRE GUN 2 SPF 180' PHASING. PERF @ 7591',  
 7576', 7478', 7278', 7196', 7018', 6982', 6908'. PRESS 0 PSI & FL SURF. POOH & RD CUTTERS. RD  
 FLOOR & NU BOP'S. RU FLOOR & RIH W/2 3/8 TBG. EOT @ 3029'. SWIFN. BBLs FLUID PMPD  
 DAILY 145, BBLs FLUID REC DAILY 105, BBLs LEFT TO REC 40.

REPORT DATE : 1/15/99 MD : 7,962 TVD : 0 DAYS : 18 MW : VISC :  
 DAILY : DC : \$0 CC : \$3,872 TC : \$3,872 CUM : DC : \$252,954 CC : \$153,415 TC : \$406,369  
 DAILY DETAILS : SICP 1930 PSI, SITP 2030 PSI. FLOW WELL ON 18/64 CHOKE F/3 1/2 HRS. REC 11 BBL SICP 500  
 PSI, FTP 100 PSI. CH TO 64/64 & FLOW WELL. REC 1 BBL RU & SWB IFL 6000'. MADE 2 RUNS.  
 REC 5 BBL, FFL 6800' FLOW WELL TO TANK ON 32/64 CH. FRY GAS SICP 160 PSI. FTP 100 PSI  
 RU & SWB IFL 6500'. MAE 1 RUN. REC 1 1/2 BBL. FFL 6800' FLOW WELL ON 32/64 CH. SICP  
 230 PSI. FTP 50 PSI. DRY GAS. BLOW WELL DWN. POOH W/2 3/8 TBG. F/FRAC. RD FLOOR &  
 ND BOP. SWIFN & WO FRAC. BBLF FLUID REC 18.5, CUM 256.5, BBLs LEFT TO REC -18.5  
 DAILY, CUM -57.5

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 1/16/99 MD : 7.962 TVD : 0 DAYS : 19 MW : VISC :  
 DAILY : DC : \$0 CC : \$62,895 TC : \$62,895 CUM : DC : \$252,954 CC : \$216,310 TC : \$469,264

DAILY DETAILS : MI & RU DOWELL F/FAC. HELD SAFETY MEETING. PRESS TEST LINES 5800 PSI. SICP 1430 PSI  
 START FRAC STAGE #1. PERF F/6908-7591'. PMP 155,860# 20/40 SD & 20,540# RESIN-COATED  
 SD W/20# GEL & 24% PAD 2-6 PPA STAGES. TR W/6 MCI ANTIMONY ON PAD, 12 MCI SCANDIUM  
 ON 2-4 PPA & 60-MCI IRIIDIUM ON 5-6 PPA. FLUSH W/106 BBL. ISIP 2595 PSI, 5 MIN 2444 PSI, 10  
 MIN 2220 PSI, 15 MIN 2161 PSI, 30 MIN 2060 PSI. TOTAL LOAD 1255 BBL. MP 3479 PSI, MR 32  
 BPM, AP 2833 PSI, AR 28 BPM. RD DOWELL FLOW WELL TO TANK AFTER FRAC ON 18/64 CH  
 W/1980 PSI FLOW WELL TO TANK AFTER FRAC ON 18/64 CH W/900 PSI. REC 176 BBL FLOW  
 WELL TO TANK AFTER FRAC ON 18/64 CH W/350 SPI. REC 102 BBL. TOTAL BBL REC 399 BBL  
 SWFN. BBL FLUID PMPD DAILY 1255, BBL FLUID REC 399, BBL LEFT TO REC DAILY 856,  
 CUM 798.5

REPORT DATE : 1/17/99 MD : 7.962 TVD : 0 DAYS : 24 MW : VISC :  
 DAILY : DC : \$0 CC : \$28,975 TC : \$28,975 CUM : DC : \$252,954 CC : \$245,285 TC : \$498,239

DAILY DETAILS : SICP 950 PSI. FLOW WELL AFTER FRAC ON 18/64 CH. NU BOP & RU FLOOR REC 74 BBL  
 W/FCP 200 PSI. CHG CH TO 48/64 & BLOW WELL DWN. REC 50 BBL. RIH W/2 3/8 TBG TO 7770'  
 179' BELOW BTM PERF. NO FILL. RU PMP LINES & CIRC HOLE W/100 BBL 3% KCL. LD 29 JTS 2  
 3/8 TBG. PU HANGER. LAND W/217 JTS 2 3/8 4.7 J55 TBG W/NC & SN EOT @ 6855' & SN @ 6822'.  
 RD FLOOR & TBG EQUIP. ND BOP & NU WH. FLOW WELL TO TANK AFTER FRAC ON 32/64 CH.  
 FTP 50 PSI, SICP 0 PSI FLOW WELL TO TANK AFTER FRAC. CHG CH TO 18/64 W/FTP 200 PSI,  
 SICP 0 PSI. REC 135 BBL. RD & MO PU & ROAD RIG TO TRIBAL #36-53. SDFD & UNTIL MONDAY  
 MORNING. BBL FLUID PMPD DAILY 100, BBL FLUID REC DAILY 359, BBL LEFT TO REC DAILY -  
 259, CUM 539.55 FLOW BACK REPORT TIME CP TP CH WTR 4:30PM 1260 660  
 20 CHANGED TO 20/64 5:30 1250 650 20 17 6:30 1250 600 20 11 CHANGED  
 TO 18/64 7:30 1250 680 18 11 8:30 1225 680 18 11 9:30 1175 680 18 11  
 10:30 1175 650 18 11 11:30 1150 625 18 11 12:30AM 1125 625 18 11  
 1:30AM 1150 620 18 6 2:30 1140 615 18 6 3:30 1125 615 18 11 4:30  
 1110 600 18 11 5:30 1100 600 18 6 6:30 1100 585 18 6 GAS RATE 870  
 MCF/D, TOTAL WTR 240 BBL ALL DAY, TOTAL LOAD TO REC 374 BBL.

REPORT DATE : 1/30/99 MD : 7.962 TVD : 0 DAYS : 20 MW : VISC :  
 DAILY : DC : \$0 CC : \$7,881 TC : \$7,881 CUM : DC : \$252,954 CC : \$253,166 TC : \$506,120

DAILY DETAILS : MI & RU WELL IMF SER INC & PROTECHNICS. RUN AFTER FRAC GR LOG F/7724-6700'.  
 RUNPROD LOG F/7724-6700'. RUN ALL LOGS W/FTP 100-150 PSI, SICP 625 PSI ON 16 CH. RD &  
 MO WI SER INC & PROTECNICE.

REPORT DATE : 1/31/99 MD : 7.962 TVD : 0 DAYS : 21 MW : VISC :  
 DAILY : DC : \$0 CC : \$8,073 TC : \$8,073 CUM : DC : \$252,954 CC : \$261,239 TC : \$514,193

DAILY DETAILS : RU DOWELL TO 8 5/8-4 1/2 CSG ANNULUS F/TOP DWN JOB. PMP 20 BBL LCM PILL. LEAD W/65  
 SXS CLASS (G) W/ADD. WT 11.5, Y 3.18. TAIL W/190 SXS CL (G) W/ADD WT 11.5, Y 3.16. FLUSH  
 W/1 BBL H2O. ISIP 123 PSI, MP 240 PSI @ 2.5 BPM. AP 160 PSI @ 2 BPM. WASH UP & RD  
 DOWELL. OPEN CSG VALVE W/PRESS. BBL FLUID REC DAILY 593.5, BBL LEFT TO REC DAILY -  
 539.5.

REPORT DATE : 2/3/99 MD : 7.962 TVD : 0 DAYS : 22 MW : VISC :  
 DAILY : DC : \$0 CC : \$4,320 TC : \$4,320 CUM : DC : \$252,954 CC : \$265,559 TC : \$518,513

DAILY DETAILS : ROAD COLO. WELL SERV RIG #26 FROM NBU 70N3 TO NBU #264. MI & RU. BLOW WELL DWN.  
 NDWH. NU BOP. POOH W/2 3/8" TBG SDFN.

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 2/4/99 MD : 7,962 TVD : 0 DAYS : 23 MW : VISC :  
 DAILY : DC : \$0 CC : \$7,920 TC : \$7,920 CUM : DC : \$252,954 CC : \$273,479 TC : \$526,433

DAILY DETAILS : SICP 500 PSI. BLOW WELL DWN. MI & RU CUTTERS WLS. SET CIBP @ 7410' & DUMPED 1 SX CMT ONPLUG. RDWL RIH W/NC, 1 JT 2 3/8" TBG, PSN & 220 JTS 2 3/8" TBG. LANDED W/EOT @ 6982' & PSN @ 6949'. ND BOP. NU WH RU SWB. SICP 40 PSI. MADE 8 SWB RUNS. REC 35 BBLS WTR. IFL @ 4100'. FFL SCATTERED FROM 2000' TO SN. SICP 300 PSI. HVY GAS CUT FLUID W/STRONG BLOW BEHIND SWB. SHUT WELL IN FOR PRESS BUILD UP SDFN. WATER SAMPLE AFTER LAST SWB RUN - CL= 20,000 MG/L

REPORT DATE : 2/6/99 MD : 7,962 TVD : 0 DAYS : 24 MW : VISC :  
 DAILY : DC : \$0 CC : \$83,958 TC : \$83,958 CUM : DC : \$252,954 CC : \$357,437 TC : \$610,391

DAILY DETAILS : SICP 700 PSI. SITP 110 PSI. MI & RU DELSCO SWBG UNIT. MADE 1 RUN. FOUND FL @ 2800'. WELL FLOWED FOR 1 1/2 HRS. REC 12 BBLS. WELL DIED. MADE 7 RUNS. FFL @ 4600'. GAS CUT. REC TOTAL OF 38 BBLS. FCP 460 PSI, FTP 20 PSI. SI WELL. SDFN. BBLS FLUID REC DAILY 38, BBLS LEFT TO REC DAILY -38.

REPORT DATE : 2/7/99 MD : 7,962 TVD : 0 DAYS : 25 MW : VISC :  
 DAILY : DC : \$0 CC : \$1,293 TC : \$1,293 CUM : DC : \$252,954 CC : \$358,730 TC : \$611,684

DAILY DETAILS : SICP 820 PSI. SITP 660 PSI. RAN SWB. FOUND FL @ 4800'. MADE 9 RUNS 7 REC TOTAL OF 32 BBLS. FL @ 4000', FCP 420 PSI, FTP 20 PSI. WELL FLOWED FOR 15 MIN AFTER EACH RUN & DIES. SI WELL. SDFN.

REPORT DATE : 2/8/99 MD : 7,962 TVD : 0 DAYS : 26 MW : VISC :  
 DAILY : DC : \$0 CC : \$1,080 TC : \$1,080 CUM : DC : \$252,954 CC : \$359,810 TC : \$612,764

DAILY DETAILS : ITP 442, ICP 782, IFL 4900'. 9 RUNS & 3 TRIPS. 35 BBLS REC. FFL 3000, FTP 0, FCP 460. GAS CUT. A LITTLE FLOW AFTER EACH SWB. SI WELL. SDFN.

REPORT DATE : 2/9/99 MD : 7,962 TVD : 0 DAYS : 27 MW : VISC :  
 DAILY : DC : \$0 CC : \$1,218 TC : \$1,218 CUM : DC : \$252,954 CC : \$361,028 TC : \$613,982

DAILY DETAILS : ITP 760, ICP 766, IFL 3600'. TURNED ON 1 1/2 HRS THEN IT DIED. 8 RUNS & 5 PLUNGER TRIPS. 27 BBLS TOTAL. FTP 40, FCP 440, FFL 4900'. GAS CUT. LAST 2 RUNS PULLED JUST 1.5 BBLS. SIFN.

REPORT DATE : 2/10/99 MD : 7,962 TVD : 0 DAYS : 28 MW : VISC :  
 DAILY : DC : \$0 CC : \$1,678 TC : \$1,678 CUM : DC : \$252,954 CC : \$362,706 TC : \$615,660

DAILY DETAILS : SICP 750 PSI, SITP 575 PSI. OPEN WELL & FLOWED FOR 2 1/2 HRS. PLUNGER MADE 5 TRIPS & WELL DIED. RAN SWB FOUND FL @ 2800'. MADE 2 SWB RUNS. WELL FLOWED FOR 15 MINS - DIED. REC 20 TOTAL BBLS. FCP 445 PSI, FTP 0 PSI, FFL @ 2800'. GAS CUT. RD SWB UNIT. RU WL. PULLED BUMPER SPRING & CHECK TD @ 7376'. SI WELL. CHECKED CHLORIDE. LAST SWB RUN @ 25,000 MG/L CHLORIDES

REPORT DATE : 2/11/99 MD : 7,962 TVD : 0 DAYS : 29 MW : VISC :  
 DAILY : DC : \$0 CC : \$993 TC : \$993 CUM : DC : \$252,954 CC : \$363,699 TC : \$616,653

DAILY DETAILS : SICP 793 PSI, SITP 676 PSI. TURN WELL ON TO TANK FLOW FOR 1 HR. WELL DIED. RAN SWB. FOUND FL @ 4800'. MADE 2 MORE RUNS. BLOW FOR 10 MIN. WELL DIED. DID REC MEDIUM SAND ON SWB CUPS. FFL @ 5200'. REC TOTAL OF 10 BBLS. FCP 415 PSI. FTP 0 PSI. LEFT WELL ON. SDFN.

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 3/6/99 MD : 8,055 TVD : 0 DAYS : 30 MW : VISC :  
 DAILY : DC : \$0 CC : \$15,031 TC : \$15,031 CUM : DC : \$252,954 CC : \$378,730 TC : \$631,684

DAILY DETAILS : SICP 400 PSI, FTP 0 PSI. RU & SWB IFL SURF. MADE 3 RUNS. REC 20 BBL FRAC FLUID W/SD, FFL 1000'. BLOW WELL DWN. REL 4 1/2 HD PKR 2 6212'. POOH W/2 3/8 L80 TBG & PKR. PU NC 1 JT SN & RIH W/2 3/8 L80 TBG TO 3000'. WELL KICKING. RU & PMP 10 BBL 3% DWN TBG. F/RIH W/2 3/8 TBG TO 6214'. RU FLOWLINE TO TANK & FLOW WELL OPEN W/SICP 50 PSI, FTP 0 PSI, REC 15 BBL. RU 7 SWB IFL SURF. MADE 9 RUNS REC 68 BBL, FFL 500', SICP 500 PSI, FTP 0 PSI W/WEAK BLOW. LEAVE WELL OPENT O TANK ON 18/64 CK. BBLS FLUID PMPD 10 DAILY, BBLS FLUID REC DAILY 103, BBLS LEFT TO REC -93 FLOW BACK REPORT TIME...CP...TP...CH... WTR...SD 8:30...760...40...18...14...LIGHT 5:30...1060...0...18...0...GAS RATE 0 MCF/D, TOTAL WTR 14 BBLS, TOTAL LOAD TO REC 1269 BBLS.

REPORT DATE : 3/7/99 MD : 8,055 TVD : 0 DAYS : 31 MW : VISC :  
 DAILY : DC : \$0 CC : \$3,770 TC : \$3,770 CUM : DC : \$252,954 CC : \$382,500 TC : \$635,454

DAILY DETAILS : SICP 1080 PSI, FTP 0 PSI. RU & SWB IFL 200'. MADE 16 RUNS. REC 190 BBL. RD SWB. WELL STARTED FLWG. FLOW WELL AFTER FRAC F/PERF 6630-6400' ON 32/64 CH. SICP 1360 PSI, FTP 200 PSI. LEAVE WELL FLOWING UNTIL MONDAY. BBLS LUID REC 204 DAILY, BBLS LEFT TO REC - 204 DAILY, CUM 1079.

REPORT DATE : 3/8/99 MD : 8,055 TVD : 0 DAYS : 32 MW : VISC :  
 DAILY : DC : \$0 CC : \$5,161 TC : \$5,161 CUM : DC : \$252,954 CC : \$387,661 TC : \$640,615

DAILY DETAILS : SICP 880#, FTP 350# ON 18/64 CH. PMP 80 BBLS 3% KCL DWN CSG & KILL THE WELL. POOH W/2 3/8" L80 TBG. RIHW /4 1/2" ARROW RBP, RET TOOL, 4' X 2 3/8" TBG SUB, 4 1/2" ARROW HD PKR, 1 JT 2 3/8" TBG + 45 SN & 194 JTS L80 TBG. SET RBP @ 6115'. LD 1 JT 2 3/8" TBG. FILL CSG W/95 BBL 3% KCL. SET PKR 2 6090'. TEST RBP & TBG TO 6000#. OK. BLEED WELL OFF. RLS PKR. LD 20 JTS 2 3/8" TBG. PU 6' X 2 3/8" N80 TBG SUB. SET PKR @ 5465'. EOT @ 5474'. SWI. SDFD. BBLS FLUID PMPD DAILY 215, BBLS FLUID REC DAILY 20, BBLS LEFT TO REC DAILY 195, CUM 1274.

REPORT DATE : 3/19/99 MD : 8,055 TVD : 0 DAYS : 33 MW : VISC :  
 DAILY : DC : \$0 CC : \$2,287 TC : \$2,287 CUM : DC : \$252,954 CC : \$389,948 TC : \$642,902

DAILY DETAILS : FLOW WELL AFTER FRAC ON 48/64 CH SICP-50 PSI FTP-0 PSI. RU & SWAB IFL-100' MADE 9 RUNS REC-78 BBL. WELL STARTED FLOWING. FLOW WELL ON 64/64 CH SICP-0 PSI FTP-10 PSI. FLOW WELL ON 64/64 CH SICP-20 PSI FTP-10 PSI REC-53 BBL. FLOW WELL 64/64 CH SICP-50 PSI FTP-10 PSI REC-16 BBL. FLOW WELL ON 32/64 CH SICP-100 PSI FTP-20 PSI REC-11 BBL. SDFD TOTAL 158 BBL LEAVE WELL FLOWING ON 32/64 CH. FLOW BACK REPORT TIME...CP...TP...CI...WTR...SD... 5:00...150...30...32/64...25...CLEAN... 6:00...190...30...32/64...5 1/2...CLEAN... 7:00...200...30...32/64...11...CLEAN... 8:00...210...30...32/64...20...CLEAN... 9:00...225...30...11... 10:00...250...30...11... 11:00...250...30...11... 12:00...250...30...11... 1:00...270...30...8... 2:00...280...30...8... 3:00...290...30...8... 4:00...300...40...11... 5:00...300...90...14... 6:00...310...120...14... GAS RATE: 500 MCF/D; TOTAL WTR 302 BBLS; TOTAL LOAD TO RECOVER: 1013 BBLS. BBLS FLUID REC: 158, BBLS LEFT TO RECOVER: -158

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #264  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PBTD: 7962     AFE# 28262  
PERFS: 7591-6908  
CSG: 4.5 set @ 8000'

**DRILL & COMPLETE**

- 01/12/99     F/PU & RIH w 2 3/8" tbg**  
Road rig f/DM ICE # 34-22 to NBU # 264. MI & RU PU NDWH & NU frac valve. PU 3 7/8 mill & 4 1/2 csg scraper. Talley PU & RIH w 2 3/8 tbg to 4855'. POOH w/3 std tbg EOT @ 4675'. SWIFN. CC:\$392,831
- 01/13/99     F/RIH w/tbg & spot acid**  
RIH w/3 std tbg & f/PU & RIH w 2 3/8 tbg tag PBTD @ 7962'. RU pump & lines & circ. W/115 bbl 3% filter KCL. POOH w 2 3/8 tbg & LD csg scraper & mill. RU Cutter WLS & run CBL-CCL-GR f/PBTD to 4100' & f/2000' to 200' above TOC @ 1750'. Logger PBTD @ 7960'. Press test csg to 4500 psi (OK). Inj rate & press dn 8 5/8-4 1/2 annulus 400psi @ 4 Bpm w/30bbl 3% KCL. RIH w 33/8 select fire gun 2 SPF 180' phasing perf @ 7591', 7576', 7478', 7278', 7196', 7018', 6982', 6908'. Press 0 psi & FL-surface. POOH & RD Cutters. RD floor & NU BOPS. RU floor & RIH w 2 3/8 tbg. EOT @ 3029'. SWIFN. CC:\$402,037
- 01/14/99     RU & Swab on well**  
SICP-0 psi SITP-0 psi. Open well up f/ RIH w 2 3/8 tbg to 7599'. RU Dowell & spot 11 bbl 15% HCL acid w/add across interval f/6908-7591'. RD Dowell & POOH w/tbg to 6844'. RU Dowell & breakdown perf f/6908-7591'. Pump 10 bbl 15% HCL acid w/add & 24 ball sealer & 33 bbl 3% KCL. Broke @ 2560 psi @ 3 BPM. ISIP-1735 psi. MP-3770 psi MR-5 1/2 BPM AP-3500 psi AR-5 BPM. Total Load 54 Bbl. RD Dowell. RU & swab IFL-surface made 3 runs Rec-83 bbl. Well flowing to tank on 64/64 CH FTP-50 psi SICP-0 psi. Well dead. RU & swab IFL-800' made 10 runs. Rec-50 bbl. FFL-5300'. FCP-160psi FTP-0psi. 28 Bbl. Left Rec. SWIFN CC:\$490,714
- 01/15/99     MI & RU Dowell f/frac**  
SICP-1930psi SITP-2030 psi Flow well on 18/64 CH f/ 3 1/2 hrs Rec-11 Bbl. SICP-500psi FTP-100psi Chg CH to 64/64 & flow well Rec-1 Bbl. RU & swab IFL-6000' made 2 runs rec-5 Bbl FFL-6800'. Flow well to tank on 32/64 CH. Dry gas SICP-160psi FTP-100psi. RU & swab IFL-6500' made 1 run Rec-11 1/2 bbl. FFL-6800'. Flow well on 32/64 CH. SICP-230 psi FTP-50 psi. Dry gas. Blow well dn. POOH w 2 3/8 tbg f/ frac. RD floor & ND BOP. SWIFN & WO frac. CC:\$494,586
- 01/16/99     Flow well & NU BOP & RIH w/tbg**  
MI & RU Dowell f/frac held safety mt. Press test lines 5800 psi. SICP-1430 psi. Start frac stage # 1 perf f/6908-7591'. Pump 155860 # 20/40 SD & 20540 # resin coated SD w/20# gel & 24% pad 2-6 ppa stages. Tr w/6-MCI antimony on pad, 12-MCI scandium on 2-4 ppa, & 60-MCI iridium on 5-6 ppa. Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2200 psi Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2220 psi 15-min 2161 psi 30-min 2060 psi. Total load 1255 bbl MP-3479 psi MR-32bpm AP 2833 psi AR-28 bpm RD Dowell. Flow well to tank after frac on 18/64 CH w/1980 psi. Flow well to tank after frac on 18/64 CH w/900 psi rec 176-bbl. Flow well to tank after frac on 18/64 CH w/550 psi rec-121 bbl. Flow well tp tank after frac on 18/64 CH w/350 psi rec-102 bbl rec 399 bbl. SWIFN Schematic (see well file) CC:\$557,481
- 01/17/99     Flow well on 18/64 CH after frac**  
SICP-950psi. Flow well after frac on 18/64 CH. NU BOP & RU floor. Rec-74 Bbl. W/FCP-200 psi chg CH to 48/64 & blow well dn. Rec-50 Bbl. RIH w 2 3/8 tbg to 7770' 179' below BTM perf. No fill. RU pump lines & circ hole w/100 bbl. 3 % KCL. LD 29 jts 2 3/8 tbg. PU hanger land w/217 jts 2 3/8 4/7 J-55 tbg. W/NC & SN EOT @ 6855' & SN @ 6822'. RD floor & tbg equip. ND BOP & NUWH. Flow well to tank after frac on 32/64 CH FTP-50 psi SICP-0psi. Flow well to tank after frac chg CH to 18/64 w/FTP-200psi SICP-0psi Rec-135 Bbl. RD & MO PU & Road Rig to Tribal # 36-53. SDFD & until monday morning. CC:\$ 586,456
- 01/18/99     Flow back report**

- 01/31/99 Well on Prod**  
RU Dowell to 8 5/8- 4 1/2 csg Annulus f/top dn job. Pump 20 bbl. LCM Pill. Lead w/65 sx class (G) w/add WT-11.5 YD-3.18. Tail w/190 sx class (G) w/add wt-11.5 YD-3.16. Flush w/1 bbl H2O. ISIP-123psi. MP-240psi @ 2.5 BPM. AP-160psi @ 2 BPM. Wash up & RD Dowell. Open csg valve w/press. CC:\$ 602,410
- 02/03/99 Prep to set CIBP @ 7400'**  
Road Colo. Well Service Rig # 26 from NBU 70N3 to NBU 264 MI & RU, Blow well down. NDWH, NUBOP. POOH w 2 3/8" tbg. SDFN. CC:\$ 606,730
- 02/04/99 Shut in for pressure build up**  
SICP-500psi. Blow well down. MI & RU Cutters WLS. Set CIBP @ 7410' & dumped 1 sk cement on plug. RDWL. RIH w/NC, 1 jt 2 3/8" tbg, PSN & 220 jts 2 3/8"tbg. Landed w/EOT @ 6982' & PSN @ 6949'. NDBOP, NUWH. Ru swab. SICP-40psi. Made 8 swb runs, Rec. 35 bbls wtr. IFL@4100', FFL scattered from 2000' to SN. SICP 300psi. Hvy gas cut fluid w/ strong blow behind swab. Shut well in for press build up. SDFN. (Water sample after last swb run-CL=20,000MG/L) CC:\$614,650
- 02/06/99 Swab well**  
SICP 700 psi, SITP 110 psi, MI&RU Delso swabbing unit, made 1 run found FL @ 2800'. Well flow for 1 1/2 hrs recovered 12 bbls. Well die. Made 7 runs FFL @ 4600' gas cut. Recovered total of 38 bbls. FCP 460 psi FTP 20 psi. SI well SDFN. CC:\$615,718
- 02/07/99 Swab well**  
SICP 820psi SITP 660psi Ran swab found FL @ 4800' Made 9 runs & recovered total of 32 bbls FFL @ 4000' FCP, 4200 psi. FTP 20 psi. Well flow for 15 min after each run & dies. SI well. SDFN. CC:\$ 617,011
- 02/08/99 Swab well**  
ITP 442, ICP782. IFL 4900, 9 runs & 3 trips 35 bbls recovered FFL 3000, FTP=0 FCP=460, gas cut a little flow after each swab. SI well SDFN. Two day Total 67 bbls swabbed. CC:\$618,091
- 02/09/99 Swab Well**  
ITP 760 ICP 766 IFL3600. Turned on 1 1/2 hr then it died, 8 runs & 5 plunger trips 27 bbls total. FTP 40 FCP 440 FFL 4900 gas cut. Last 2 runs pulled just 1.5 bbls. SIFN CC: \$ 619,309
- 02/10/99 Swab well or waiting on order**  
SICP 750 psi SITP 575 psi open well & flowed for 2 1/2 hrs plunger made 5 trips & well died. Ran swab found FL@ 2800' made 2 swab runs well flow for 15 min died. Recovered 20 total bbls FCP 445 psi FTP 0 psi FFL @ 2800' gas cut. RD swab unit RU wireline, pulled bumper spring and check TD @ 7376'. SI well CC: 620,987
- 02/11/99 Swab Well**  
SICP .793 PSI SITP .676 PSI  
Turn well on to tank flow for 1 hr. Well died. Ran swab found FL @ 4800'. Made 2 more runsblow for 10 min well died. Did recover medium sand on swab cups. FFL @ 5200' recovered total of 10 bbls FCP.415 psi/ FTP 0 psi. Left well on. SDFN
- 02/25/99 RIH isolate perfs/inject 15% HCL**  
MIRU GWS # 101 ITP 1700psi ICP 1700psi blew dwn well. NU frac valve & BOPS RU floor& POOH (SLM) killed well w/20 bbls 1/2 way out RU Cutters WLS RIH set plug at 6670' PUBailer RIH dump 1 sx sand on plug fill hole w/80 BBL & test plug to 1500 psi. PU 3 1/8 select fire gun . RIH corr. To CNL/LDT perf Wasatch @ 4668-5420'-5557' 5754-6084'6400'-6516'-6630' All 2 SPF 16 total holes. RD Cutters PU Halliburton PIPP tool had 50 psi on well after rigging down Cutters 45 mins + PU PIPP tool RIH w/ 143 jts EOT 4605. SIFN CC: \$8330
- 02/26/99 Flow test well**  
Casing & tbg had 20 psi blew down. RIH test tool @ 6610' isolate perf 6630' pump 250 gal & 1000 gal 3% KCL w/ surfactant in formation broke @ 2280 psi avg 3900 at 4.8 bpm ISIP 1736 run bleed off test 5 min 1305 10=1162 15=1062 & 30=896. LD 4 jts isalate 6516 pump same 250 15% and 1000 gal 3% broke @ 4000psi tight till acid hit perf then pumped @ avg 4.3 bpm @ 4100 psi ISIP 2125 5 min=1998 10=1973 15=1942&30=1863. LD 3 jts isalate 6400' broke at 3935 psi pump in @ 4.6 bpm @ avg 4000 psi ISIP 1947 psi 5 min=1752 10=1636 15=1538 & 30 min=1314. LD 10 jts isalate perf 6084' broke @ 4000 psi pump in @ 4.7 @ 3686 psi ISIP 1527 psi 5 min=1347 10=1303 15=1240 30 min=1112 psi. LD 11 jts isalate perf. 5754' broke @ 3170 pump @ 5.3 bpm @ 3985 psi ISIP 1655 psi 5 min =1611 10=1028 15=900 and 30 min=685. LD 6 jts isalate perf 5557'. Broke @ 1819 pump @ 5.5=4240 psi ISIP 1588 psi 5 min=731 10 min=497 15=364 & 30 =324. LD 4 jts isalate perf.

5420' broke @ 4048 psi pump in @ 5.2 bpm @ avg 3370 psi. ISIP 1002 psi 5 min=750  
 10=626 15=592 & 30min= 529psi. LD 24 jts isalate perf 4668' broke @ 9992 psi pump in  
 at 5.2 bpm @ 3475 psi ISIP 1441 5 min=1062 10= 922 15=822 & 30 min=635 psi all zones  
 250 gal 15% HCL & 1000 gal 3% KCL w/surfactant LD 3 jts E. O. Tools 4605' RU sand line  
 fish dart valve f/tool flowed 22 bbl up casing as we fished hook line to tbq turn over to flow  
 crew. CC:\$ 24,798

02/27/99	Flow back report (see well file)				
	SICP-260#	FTP-300#	Bbl wtr	Choke 18/64	7:00AM
	280#	300#	5.5	18/64	8:00 AM
	300#	280#	11	18/64	9:00AM
	320#	300#	11	18/64	10:00AM
	340#	300#	5.5	18/64	11:00AM
	360#	300#	5.5	18/64	12:00 AM
	380#	280#	5.5	22/64	1:00PM
	380#	280#	11	18/64	2:00PM

TTL bbls 55 bbls WTR, 28 bbls left to recover. SDFN

Note: no sand

02/28/99 Flow back report (see well file)

03/02/99 Flow back report (see well file)

03/03/99 **Recompletion/WO recompletion ProSICP-400psi FTP-180psi on 18/64 CH.** Blow well dn.  
 pump 15 bbl 3% KCL dn tbq POOH w 2 3/8tbq & P.I.P.P tools & LD W.O. L-80 tbq f/  
 yard. Kill well w/45 bbl. 3% KCL. PU 4 1/2 RBP & Ret tool talley PU & RIH w 2 3/8  
 L-80tbq to 2846' chg in orders. POOH w 2 3/8 tbq & RBP. SDFN CC: \$30,957

03/04/99 **RIH w/tbg & PKR & RU Halliburton f/frac SICP-950psi** Blow well dn RU Cutters & RIH  
 w 3 1/8 select fire gun 90 degree phasing. Add additional perf 6630-4perf, 6400-2 perf, 5754-  
 3perf & 5420-8 perf. Press 0 psi FL 700'. POOH & RD Cutters. PU & RIH w 2 3/8 L-80 tbq  
 to 2000' kill well w/16 bbl dn tbq. PU & RIH w 2 3/8 L-80 to 3600'. Kill well w/10 bbl dn  
 tbq. POOH w 2 3/8 L-80 tbq. SWIFN. CC: \$34,894

03/05/99 Flow back report(see well file)  
**Flow well after frac on 18/64 CH** SICP-750psi Blow well dn. PU 4 1/2" HD PKR 1 jt SN  
 RIH w/ 2 3/8 L-80 tbq to 6651'. Load hole w/105 bbl 3% KCL dn csg set PKR @ 6651'  
 press test 5000psi (OK). POOH w 2 3/8 tbq & set PKR @ 6212'. RU Halliburton f/frac held  
 safety mtg & press test lines 8300 psi. Set pop off on csg 1000 psi. Start frac stage # 1 perf  
 f/6400'-6630'. Pump 43 bbl PAD shut dn ISIP-1675 psi 10 hole open. Pump 171200# 20/40  
 SD. 2-7 PPG stage. 25# Gel. 28% PAD. Flush w /25 bbl ISIP-2546 psi. 5 min 2440psi 10  
 min 2254psi 15 min 2213 psi 30 min 2127 psi. Total load 1323 bbl. MP-6800 psi MR-17  
 bpm AP-4900 psi AR-15 bpm. TR PAD w 8/MCI antimony. 2-4 ppg w/13 MCI scandium.  
 4-7 ppg w/57 MCI iridium. RD Halliburton & hook up flow line to tank. Flow well after frac  
 on 18/64 CH FTP-1920 psi SICP-0 psi w/PKR in hole. Leave well flow to tank.  
 CC: \$89,394

03/06/99 **RU swab on well after frac**  
 SICP-400psi FTP-0psi. RU & swab IFL-surface made 3 runs rec-20 bbl frac fluid w/SD  
 FFL-1000'. Blow well dn. Released 4 1/2 HD pkr @ 6212'. POOH w 2 3/8 L-80 tbq & pkr.  
 PU NC 1 jt SN & RIH w 2 3/8 L-80 tbq to 3000'. Well kicking, RU & pump 10 bbl 3% dn  
 tbq f/ RIH w 2 3/8 tbq to 6214'/ RU flowline to tank & flow well open w/SICP-50 psi FTP-0  
 psi Rec- 15 bbl. RY & swab IFL-surface made 9 runs rec-68 bbl FFL-500'. SICP-500psi  
 FTP-0 psi w/week blow. Leave well open to tank on 18/64 CH. Flow back report (see well  
 file) CC:\$104,425

03/07/99 **Flow testing frac perf f/6630-6400'**  
 SICP-1080 psi FTP-0 psi. RU & swab IFL-200' made 16 runs Rec-190 bbl. RD swab well  
 started flowing. Flow well after frac f/perf 6630-5400' on 32/64 CH SICP-1360 psi FTP-200  
 psi. Leave well flowing until Monday. Flow back report(see well file)

CC:\$108,195

03/08/99 Flow back report(see well file)

03/09/99 **Halliburton sand frac**  
 SICP=880#, FTP=350# on 18/64 CH. Pmp 80 bbl 3% KCL dn csg & kill the well. POOH  
 w 2 3/8" L-80 tbq RIH w/ 4 1/2" Arrow RBP, Ret tool, 4 x 2 3/8" tbq sub, 4 1/2" Arrow HD  
 Pkr, 1 jt 2 3/8" tbq,+45SN, & 194 jts L-80 tbq, set RBP @ 6115', lay dn 1 jt 2 3/8" tbq, fill  
 csg w/95 bbl 3% KCL, set pkr @ 6090'. Test RBP & tbq to 5000#, OK Bleed well off, RLS  
 Pkr, lay dn 20 jts 2 3/8" tbq. PU 6' x 2 3/8" N-80 tbq sub. Set pkr @ 5965', EOT @ 5474'  
 SWI, SDFN CC: \$ 113,356

03/10/99 **Flowing well after frac perf (5557-6084)**  
 SICP= 50psi, SITP=660 psi. MI & RU Halliburton. Held safety mtg. Press test lines to 8200



psi. Fill csg w/5 bbl press test to 400 psi. Pkr set @ 5465' EOT @ 5475'. Frac stage # 2 perf f/5557'-6084'. Pmp'd 38.4 bbl PAD shut dn & fix hyd hose. ISIP 1560 psi. Calculated 11 perfs open. Pump 152640# 20/40 sand, w/1320 bbl 25# Delta fluid gel. 28% PAD 2-5 PPA stages, flush w/22.3 bl trace Pad w/8 MCI antimony, 2-4 ppg w/15 MCI scandium 5 PPG w/47 MCI iridium. ISIP=2252 psi, 5/min=2160 psi, 10/min=2092 psi, 15/min=2036 psi 30/min=1890 psi. Total Load=1355 bbl, Max press=6100 psi, Max rate=16.5 bpm, Avg press=4800 psi, Avg rate=16 bpm. Frac Gr-.83 RD Halliburton. Flow well back after frac. F/perfs 5557' to 6084' on 10/64 Choke, FTP=1620psi. Flowing well after frac on 12/64 CH FTP-1250 psi rec-30 bbl. Flowing well after frac on 14/64 CH FTP-900 psi SICP-40 psi. Rec-40 bbl. TOTAL 70 Bbl. SDFD & leave well flowing.

CC:\$180,326.

03/11/99

**Flowing well after frac perf (5557-6084)**

Flowing well after frac perf f/5557-6084' SICP-80 psi FTP 0-psi blow well dn. Release 4 1/2 PKR@5465' POOH w 2 3/8 L-80 tbg, PKR & RET tool. LDD Tools. PU NC & SN RIH 2 3/8 l-80 tbg tag SD @ 6087' POOH w 2 3/8 tbg. EOT @ 5461' & SN @ 5428' flowing csg on trip rec-77 bbl. Shut in csg tbg flowing on 48/64 CH. Flowing well after frac on 32/64 CH SICP-300 psi FTP-150psi Rec-15 bbl. Flowing well on 32/64 SICP-350 psi FTP-150 psi Rec. 23 bbl. Flowing well on 32/64 CH SCIP-420 psi FTP-150 psi. Rec-30 bbl. Flowing well on 32/64 CH SICP-480 psi FTP-240 psi. Rec-20bbl. Total 165 BBL. Leave well Flowing.

CC:\$ 183,869

03/12/99

**Flow well after frac perf (5557-6084)**

Flow well after frac on 20/64 CH SICP-700 psi FTP-380psi Rec-5 bbl. Flow well on 20/64 CH SICP-680psi FTP-380 psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi 350psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi FTP-350 psi Rec-5 bbl. Flow well on 18/64 CHSICP-650 psi FTP-350 psi Rec-3 bbl. SDFD & leave well flowing.

Flow back report (see well file)

CC:\$18,982

03/13/99

**Flow well after frac perf(5557-6084)**

Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec.-2 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec.-6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec-6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec. 6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec. 3 Bbl.  
Flow well after frac on 18/64 CH SICP-660psi FTP-400psi Rec. 5 Bbl.  
Total Rec-29 Bbl. SDFD & leave well flowing.

Flow back report (see well file)

CC:\$188,058

03/14/99

**Flow well after perf (5557-6084)**

Flowing well after frac on 18/64 CH SICP-640psi FTP-360psi Rec. 2 Bbl.  
Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 12 Bbl.  
Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 5 1/2 Bbl.  
Total 191 1/2 Bbl. Leave well flowing.

Flow back report

CC:\$188,870

03/15/99

Flow back report (see well file)

03/16/99

SICP=460# FTP=250# 18/64 CH. Blow well dn. PMP 80 bbl. 3% KCL dn csg. POOH & lay dn 174 jts L-80 2 3/8" tbg. RIH w/Arrow 4 1/2" x 23# TS RBP, 4 1/2" x 23# HD pkr 172 jts 2 3/8" j-55 tbg. Set plug @ 5472', set pkr @ 5432 Fill csg w/35 bbl 3 % KCL. Test void to 4500#, OK. POOH & lay dn pkr. RD 2 3/8" tbg equip. NDBOP SWI w/frac valve, SDFD.

CC:\$ 193,822

03/17/99

**Flow well after frac perf(4668-5420)**

MI & RI Halliburton held safety mtg. Press test line 5000psi. Start frac stages # 3 (4668-5420) Load hole w /23.4 bbl. PAD pmp 222430# 20/40 Sdw/1123 bbl 20# Delta fluid gel. 25% PAD 2-6 PPA stages. Flush w/71.9 bbl. ISIP -2432psi. 5 min-2040psi 10 min-1961psi 15 min-1946psi 30 min-1859psi. Total load 1814 bbl. MP-3240 psi MR-27.2 bpm AP-2310 psi AR-27 bpm. Frac GR.96 TR Pad w/9 MCI antimony 2-4 PPA w/21 MCI scandium 5-6 PPA w/71 MCI iridium. RD Halliburton. Flow well after frac on 10/64 CH FCP-1840psi. Flow well on 10/64 CH FCP-1500psi Rec-30 bbl. Flow well on 12/64 CH FCP-1025 psi Rec.-35 bbl. Flow well on 14/64 CH FCP-750psi Rec. -50 bbl. Flow well on 16/64 CH FCP-500 psi Rec-55 bbl. Total 170 Bbl. Leave well flowing & turn over flowback crew.

Flow back report (see well file)

CC:\$ 266,362

03/18/99

**Flow well after frac on 48/64 CH FCP-0 Rec-6 bbl. ND frac valve & NU BOPS. RU floor & tbg equip. PU Ret tool 1 jt SN & RIH w/ 2 3/8 tbg tag SD @ 5304' 116' above BTM perf. RU swivel & B/circ w 3% KCL. CO f/5304 to 5435. Circ clean. RD swivel & POOH w/ 2**

3/8 tbg EOT @ 4520'. RU & swab IFL-surface made 12 runs rec-146 bbl. FFL-500'. SICP-0 psi FTP-0 psi. RD swab. Leave well open to tank on 18/64 CH.  
Flow back report(see well file) CC:\$279,502

**03/19/99 Flow well after frac perf (4668-5420)**  
Flow well after frac on 48/64 CH SICP-50 psi FTP-0 psi. RU & swab IFL-100' made 9 runs rec-78 bbl. Well started flowing. Flow well on 64/64 CH SICP-0 psi FTP-10 psi. Flow well on 64/64 CH SICP-20 psi FTP-10 psi Rec-53 bbl. Flow well on 64/64 CH SICP-50 psi FTP-10 psi Rec. -16 bbl. Flow well on 32.64 CH SCIP-100 psi FTP-20 psi REC 11 bbl. SDFD Total 158 bbl. Leave well flowing on 32.64 CH. Flow back report (see well file)  
CC:\$281,789

**03/20/99 Flow well on 32/64 CH SICP-420 psi FTP-60 psi.** Flow well on 32/64 CH SICP-430 psi FTP-80 psi Rec- 67.5 bbl. Flow well on 32/64 CH SICP-450 psi FTP-60 psi REC-10 bbl. SDFD Total 77.5 bbl. Leave well flowing to tank. Flow back report ( see well file)  
CC:\$285,024

**03/21/99 Flow well on 32/64 CH SICP-480 psi FTP-60 psi.** Flow well on 32.64 CH SICP-500 psi FTP-10 psi Leave well flw to tank. Flow back report (see well file)  
CC:\$285,024

**03/22/99 Flow well to flow tk w/flow crew.** Flow back report (see well file) CC:\$285,024

**03/23/99 Flow & swab**  
FTP=340# SICP=780# 28/64 CH, FTP=60# SICP=500# 28/64 CH, Rec 13 bbl wtr, light sand. FTP=80# SICP=500# 18/64 CH, Rec 2.5 bbl wtr, light sand. FTP=0# SICP=500# 18/64 CH, rec 2.5 bbl wtr, light sand. Blow csg dn to 200#, land tbg w/hanger(142 jts,+45SN, 1 jt, 4 1/2" Ret tool EOT @ 4530, +45@4495) NDBOP, NUWH. LD 13 stds 2 3/8" tbg out of derrick. RD rig, MIRU Delsco swab rig, Road rig & equip to the NBU # 268. IFL @ 500' made 4 runs, rec 22 bbl wtr. Well flowing, SICP=475 FTP=200#, 32/64 CH. Turn well over to flow crew. Flowed 16 bbl in 13/4 hr. SDFD. Wk end flow rec+133 bbl. Wtr. Rec today=56 bbl. Wtr.  
CC:\$ 290,432

**03/24/99 Flow well after frac perf(4668-5420)**  
Flow well on 24/64 CH & swab IFL-500' made 1 run rec-4 bbl. Flow well on 48/64 CH SICP-600 psi FTP-80 psi. Rec-26 bbl. SICP-450 psi FTP-0 psi swab IFL-1500' made 3 runs rec-11 bbl. Flow well on 48/64 CH SICP-450 psi FTP-60 psi. Flow well on 48/64 CH SICP-350 psi FTP-20 psi Rec-8 bbl. Flow well on 48/64 CH SICP-415 psi FTP-15 psi Rec-13 bbl. Swab IFL-1500' made 3 runs rec-10 bbl. Flow well on 48/64 CH SICP-350 psi FTP-20 psi. Flow well on 48/64 CH SICP-360 psi FTP-20 psi Rec-6 bbl. Swab IFL-2500' made 3 runs rec-9 bbl. Flow well 32/64 CH SICP-310 psi FTP-0 psi swab IFL-2200' made 2 runs rec-6 bbl. Flow well on 32/64 CH SICP-350psi FTP-20 psi Rec-3 bbl. Flow well on 32/64 CH SICP-350 psi FTP-30 psi Rec-12 bbl. Flow well on 32/64 CH SICP-375 psi FTP-20 psi Rec 9 bbl.  
CC:\$ 291,360

**03/25/99 Flow well on 32/64 CH SICP-400 psi FTP-20 psi Rec 3 bbl.** Swab IFL-1500' made 2 runs Rec-2 bbl. Flow well on 32/64 CH SICP-400 psi FTP-60 psi Flow well on 32/64 CH SICP-450 psi FTP-50 psi Rec-5.5 bbl. Flow well on 32/64 CH SCIP-300 psi FTP-0 psi Rec-2 bbl. Swab IFL-2200' made 2 runs rec-2 bbl. Flow well on 28/64 CH SICP-370 psi FTP-50 psi Rec 7.5 bbl. Flow well on 28/64 CH SICP-400 psi FTP-0 psi Rec-1 bbl. Swab IFL-2700' made 1 run rec-1 bbl. Flow well on 28/64 CH SICP-320 psi FTP-110 psi Rec -2 bbl. Swab IFL-2700' made 2 runs Rec. -2 bbl. Flow well on 28/64 CH SICP-325 psi FTP-40 psi Rec-2 bbl. Total 30 bbl. Flowing & swabbing.  
CC:\$292,423

**03/26/99 Flow well - 20/64 CK. SICP - 445#, FTP - 60#, REC 2 BBLS.**  
Swab. IFL - 2,200'. Made 2 runs, rec. 2 BBLS.  
Flow well - 24/64 CK. SICP - 275 - 450#, FTP - 20 - 120#, 7 HRS. REC 25 1/2 BLW.  
Swab. IFL - 2,700'. Made 3 runs, rec. 2 BBLS.  
Flow well on 24/64 CK. SICP - 325#, FTP - 190#, REC 0 BBLS. Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 53 BLW, 60 MCF, LLTR: 560 BBLS.

**03/27/99 Flow well 2 hrs.24/64 CK. SICP - 400#, FTP - 0# - 90#. REC 2 BBLS.**  
Swab. IFL - 2,600'. Made 3 runs, rec 8 BBLS.  
Flow well 6 hrs. 24/64 CK. SICP - 325 - 380#, FTP - 30 - 140# REC 10 BBLS.  
Swab. IFL - 2,600'. Made 2 runs, rec 6 BBLS.  
Flow well 2 hrs. 24/64 CK. SICP - 320 - 350#, FTP - 60 - 120# REC 2 BBLS.  
Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 49 BLW, 100 MCF, LLTR: 511 BBLS  
CC:\$ 295,273

**03/28/99 Flow well 1 hr. 24/64 CK. SICP - 550#, FTP - 0# REC 0 BBLS.**  
Swab. IFL - 2,700'. Made 3 runs, rec 5 BBLS.  
Flow well 1 hr. 24/64 CK. SICP - 500#, FTP - 50# REC 0 BBLS.  
Swab. IFL - 2,800'. Made 3 runs, rec 5 BBLS.

Flow well 6 hrs. - 24/64 CK. SICP - 325 - 500#, FTP - 20 - 120# REC 16 BBLS.  
 Swab. IFL - 2,900'. Made 3 runs. Rec 6 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 400#, FTP - 160#, REC 2 BBLS.  
 Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 200  
 MCF, LLTR: 446 BBLS. CC:\$297,073

**03/29/99** Flow well 10 hrs. 24/64 CK. SICP - 350#, FTP - 30 - 150#, REC 16 BBLS.  
 Well died. Swab. IFL - 2,900', REC 5 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 30#, REC 1 BBL. All water has light to  
 medium sand.  
 Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 250  
 MCF, LLTR: 360 BBLS. CC:\$ 299,023

**03/30/99** Flow well 4 1/2 hrs. 24/64 CK. SICP - 350 - 400#, FTP - 80 - 100#, REC 9 BBLS.  
 Swab. IFL - 2,800'. Made 2 runs, rec 2 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 380#, FTP - 50#, REC 7 BBLS.  
 Swab. IFL - 3,000', Made 2 runs, rec 2 BBLS  
 Flow well 3 hrs. 24/64 CK. SICP - 250 - 400#, FTP - 110 - 40#, REC 6 BBLS.  
 Swab. IFL - 2,700', Made 3 runs, rec 3 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 110#, REC 2 BBLS.  
 Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 50 BLW, 175  
 MCF, LLTR: 288 BBLS. CC:\$ 302,083

**03/31/99** Road rig to loc. MIRU CWS #26. SICP - 500#, FTP - 0#, ND WH, NU BOP'S, NU Floor  
 & TBG. Equip. PU & LD Hanger. PU & RIH w/ 2 3/8" TBG. Tag sand @ 5,333'. RU  
 swivel & break circ. W/H2O. CO sand F/5,333' to 5,420'. Lost returns. Pump 350 BBLS.  
 Rec. 100 BBLS. RU Air foam unit. & break circ. CO sand F/ 5,420' to 5,473'. Circ hole  
 clean. Latch on RBP & kill well W/ 25 BBLS. RD Swivel. POOH W/TBG & RBP to 1,000'.  
 Kill well W/ 50 BBLS. 3% KCL. POOH W/TBG & LD RBP #1. RIH W/ Ret. Tool. & TBG.  
 Kill well W/20 BBLS. PU & RIH W/ TBG. Tag sand @ 6,080'. Break circ W/ Air Foam.  
 CO sand F/ 6,080' to 6,115'. Circ hole clean. Latch RBP. Kill well W/30 BBLS H2O. POOH  
 W/ tbg & RBP #2 to 1,700'. Kill well W/70 BBLS H2O. POOH W/TBG. & LD RBP #2.  
 RIH W/Ret. Tool & TBG. Tag sand @ 6,617'. Break circ W/Air Foam & CO sand F/6,617'  
 to 6,670' (RBP #3). CC:\$ 313,460

**04/01/99** Circ. Hole clean & latch RBP #3. POOH W/TBG & RBP to 1,500'. Kill well W/70 BBLS 3%  
 KCL. POOH W/TBG & LD RBP. PU NC & SN. RIH W/TBG. Tag sand @ 7,327'. Break  
 circ. W/Air Foam & CO sand F/7,327' to 7,410'. Circ. Hole clean. LD 19 jts 2 3/8" 4.7, j-55  
 TBG. PU Hanger & Land W/216 jts. 2 3/8" 4.7, j-55 TBG. EOT @ 6,831', SN @ 6,798'.  
 RD floor & TBG Equip. ND BOP's & NU WH & Flowline to tank. Blow water out of TBG  
 W/air. Put well to flow tank on 48/64 CK. & watch well. SDFD & Turn well over to flow-  
 back crew. CC:\$ 318,450

FLOW BACK REPORT - 900 MCFD, REC 296 BBLS - 14 HRS. CP - 955 - 1,140# TP - 540 - 550#  
 20 - 24/64 CK.

**4/2/99 -** FLOWING - 550 MCFPD, 1 BWPH, FTP - 450#, CP - 1,000#, 0 SAND, REC 343 BLW / 24 HRS.  
 LLTR: 1,665 BBLS.

**4/3/99 -** FLOWING - 550 MCFPD, 7 BWPH, FTP - 520#, CP - 1,000#, 0 SAND, EST REC 198 BLW / 24  
 HRS. LLTR: 1,467 BBLS.

**4/4/99 -** FLOWING - 750 MCFPD, 10 BWPH, FTP - 500#, CP - 990#, LIGHT SAND, REC 236 BLW / 24  
 HRS. LLTR: 1,231 BBLS.

**4/5/99 -** FLOWING - 550 MCFPD, 5 BWPH, FTP - 500#, CP - 980#, 0 SAND, REC 138 BLW / 24 HRS.  
 LLTR: 1,093 BBLS.

**4/6/99 -** FLOWING - 432 MCFPD, 132 BWPH, FTP - 613#, CP - 887#, 16/64 CK. LP - 90#, LLTR: 807  
 BBLS.

**4/7/99 -** FLOWING - 443 MCF, 0 COND., 140 H2O, 531 FTP, 882 SICP, 86 LP, 16/64 CK  
 LLTR: 667 BBLS.

**4/8/99 -** FLOWING - 436 MCF, 0 COND., 130 H2O, 533 FTP, 882 SICP, 72 LP, 16/64 CK

LLTR: 537 BBLS.

- 4/9/99 - FLOWING - 446 MCF, 0 COND, 130 H2O, FTP - 533#, 882 SICP, 72 LP, 16/64 CK
- 4/10/99 RU SCHLUMBERGER WIRE-LINE SVS. RAN TRACER LOGS. STAGE #1 F/ 6,908' TO 7,591'. STAGE #2 F/ 6,400' TO 7,591'. STAGE #3 F/5,557' TO 6,084'. STAGE #4 FROM 4,668' TO 5,420'. RD SCHLUMBERGER. PUT WELL BACK ON PROD.
- 4/11/99 - FLOWING - 758 MCF, 7 COND, 150 H2O, 838 FTP, 882 SICP, 100 LP, 23/64 CK
- 4/12/99 - FLOWING - 758 MCF, 0 COND, 150 H2O, 301 FTP, 798 SICP, 92 LP, 23/64 CK.
- 4/13/99 - FLOWING - 651 MCF, 0 COND, 150 H2O, 271 FTP, 690 SICP, 90 LP, 24/64 CK.
- 4/14/99 - FLOWING - 651 MCF, 0 COND, 150 H2O, 272 FTP, 690 SICP, 90 LP, 24/64 CK.  
CALLL OUT CREW. ROAD RIG F/NBU #222. SPOT EQUIP. SDFD.
- 4/15/99 - FLOWING - 26 MCF, 0 COND, 70 H2O, 215 FTP, 591 SICP, 96 LP, 25/64 CK. 1 HR - RIG.
- 4/16/99 - SICP - 590#, FTP - 210#, CK - 25/64. BLOW WELL DWN. RIG UP RIG. ND WH, NU BOP'S. RU 2 3/8" TBG. EQUIP. POOH W/2 3/8" PROD BHA. MIRU CUTTERS. RIH W/4 1/2" X 11.6# CIBP. STACKED OUT @ 6,400'. POOH & RD CUTTERS. RIH W/3 7/8" MILL CSG SCRAPER TO 6,988'. PUMP 20 BBLS DWN TBG. & POOH W/ MILL CSG SCRAPER & TBG F/ABOVE PERFS. EOT - 4,427'. SWIFN.
- 4/17/99 - SICP - 620#, SITP - 620#, BLOW WELL DWN. PUMP 20 BBLS DWN TBG. RIH W/3 7/8" MILL SCRAPER & TBG TO 6,988'. PUMP 20 BBLS DWN TBG. POOH W/TBG TO 1,200'. KILL WELL W/20 BBLS. POOH W/TBG & LD SCRAPER MILL. KILL WELL W/20 BBLS. RU CUTTERS & RIH W/4 1/2" CIBP. STACKED OUT @ 6,400'. POOH & PU SMALLER SETTING TOOL. RIH W/4 1/2" CIBP & SET @ 6,950'. POOH & RD CUTTERS. PU NC, SN, & RIH W/2 3/8" TBG. PUMP 10 BBLS DWN TBG. PU HANGER, LAND W/216 JTS 2 3/8" 4.7# J-55 TBG. EOT - 6,834', SN @ 6,801'. RD FLOOR & TBG EQUIP. ND BOP'S. NU WH & FLO-LINE. RDMO GWS #101. SWIFN TO BULD PRESS.
- 4/18/99 - FLOWING - 651 MCF, 0 COND, 150 H2O, 272 FTP, 690 SICP, 90 LP, 24/64 CK.
- 4/19/99 - FLOWING - 533 MCF, 0 COND, 130 H2O, 243 FTP, 605 SICP, 90 LP, 20/64 CK.  
**FINAL REPORT.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435)781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW Sec.1, T10S, R21E  
600' FSL & 2100' FWL

5. Lease Serial No.

U- 02842-B

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

Natural Buttes Unit

8. Well Name and No.

NBU #264

9. API Well No.

43-047-33000

10. Field and Pool, or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

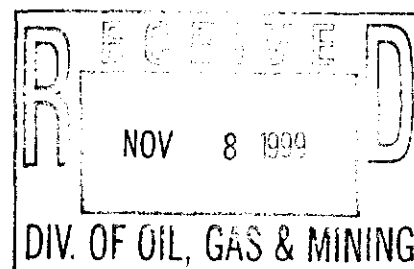
- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Workover</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please see attached Chronological Workover Report.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Katy Dow

Title

Environmental Secretary

Date 11/2/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

NBU #264  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

PBTD: 7962     AFE# 28262  
PERFS: 7591-6908  
CSG: 4.5 set @ 8000'

**DRILL & COMPLETE**

- 01/12/99     F/PU & RIH w 2 3/8" tbg**  
Road rig f/DM ICE # 34-22 to NBU # 264. MI & RU PU NDWH & NU frac valve. PU 3 7/8 mill & 4 1/2 csg scraper. Talley PU & RIH w 2 3/8 tbg to 4855'. POOH w/3 std tbg EOT @ 4675'. SWIFN. CC:\$392,831
- 01/13/99     F/RIH w/tbg & spot acid**  
RIH w/3 std tbg & f/PU & RIH w 2 3/8 tbg tag PBTD @ 7962'. RU pump & lines & circ. W/115 bbl 3% filter KCL. POOH w 2 3/8 tbg & LD csg scraper & mill. RU Cutter WLS & run CBL-CCL-GR f/PBTD to 4100' & f/2000' to 200' above TOC @ 1750'. Logger PBTD @ 7960'. Press test csg to 4500 psi (OK). Inj rate & press dn 8 5/8-4 1/2 annulus 400psi @ 4 Bpm w/30bbl 3% KCL. RIH w 33/8 select fire gun 2 SPF 180' phasing perf @ 7591', 7576', 7478', 7278', 7196', 7018', 6982', 6908'. Press 0 psi & FL-surface. POOH & RD Cutters. RD floor & NU BOPS. RU floor & RIH w 2 3/8 tbg. EOT @ 3029'. SWIFN. CC:\$402,037
- 01/14/99     RU & Swab on well**  
SICP-0 psi SITP-0 psi. Open well up f/ RIH w 2 3/8 tbg to 7599'. RU Dowell & spot 11 bbl 15% HCL acid w/add across interval f/6908-7591'. RD Dowell & POOH w/tbg to 6844'. RU Dowell & breakdown perf f/6908-7591'. Pump 10 bbl 15% HCL acid w/add & 24 ball sealer & 33 bbl 3% KCL. Broke @ 2560 psi @ 3 BPM. ISIP-1735 psi. MP-3770 psi MR-5 1/2 BPM AP-3500 psi AR-5 BPM. Total Load 54 Bbl. RD Dowell. RU & swab IFL-surface made 3 runs Rec-83 bbl. Well flowing to tank on 64/64 CH FTP-50 psi SICP-0 psi. Well dead. RU & swab IFL-800' made 10 runs. Rec-50 bbl. FFL-5300'. FCP-160psi FTP-0psi. 28 Bbl. Left Rec. SWIFN CC:\$490,714
- 01/15/99     MI & RU Dowell f/frac**  
SICP-1930psi SITP-2030 psi Flow well on 18/64 CH f/ 3 1/2 hrs Rec-11 Bbl. SICP-500psi FTP-100psi Chg CH to 64/64 & flow well Rec-1 Bbl. RU & swab IFL-6000' made 2 runs rec-5 Bbl FFL-6800'. Flow well to tank on 32/64 CH. Dry gas SICP-160psi FTP-100psi. RU & swab IFL-6500' made 1 run Rec-11 1/2 bbl. FFL-6800'. Flow well on 32/64 CH. SICP-230 psi FTP-50 psi. Dry gas. Blow well dn. POOH w 2 3/8 tbg f/ frac. RD floor & ND BOP. SWIFN & WO frac. CC:\$494,586
- 01/16/99     Flow well & NU BOP & RIH w/tbg**  
MI & RU Dowell f/frac held safety mt. Press test lines 5800 psi. SICP-1430 psi. Start frac stage # 1 perf f/6908-7591'. Pump 155860 # 20/40 SD & 20540 # resin coated SD w/20# gel & 24% pad 2-6 ppa stages. Tr w/6-MCI antimony on pad, 12-MCI scandium on 2-4 ppa, & 60-MCI iridium on 5-6 ppa. Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2200 psi Flush w/106 bbl. ISIP 2595 psi 5-min 2344 psi 10-min 2220 psi 15-min 2161 psi 30-min 2060 psi. Total load 1255 bbl MP-3479 psi MR-32bpm AP 2833 psi AR-28 bpm RD Dowell. Flow well to tank after frac on 18/64 CH w/1980 psi. Flow well to tank after frac on 18/64 CH w/900 psi rec 176-bbl. Flow well to tank after frac on 18/64 CH w/550 psi rec-121 bbl. Flow well tp tank after frac on 18/64 CH w/350 psi rec-102 bbl rec 399 bbl. SWIFN Schematic (see well file) CC:\$557,481
- 01/17/99     Flow well on 18/64 CH after frac**  
SICP-950psi. Flow well after frac on 18/64 CH. NU BOP & RU floor. Rec-74 Bbl. W/FCP-200 psi chg CH to 48/64 & blow well dn. Rec-50 Bbl. RIH w 2 3/8 tbg to 7770' 179' below BTM perf. No fill. RU pump lines & circ hole w/100 bbl. 3 % KCL. LD 29 jts 2 3/8 tbg. PU hanger land w/217 jts 2 3/8 4/7 J-55 tbg. W/NC & SN EOT @ 6855' & SN @ 6822'. RD floor & tbg equip. ND BOP & NUWH. Flow well to tank after frac on 32/64 CH FTP-50 psi SICP-0psi. Flow well to tank after frac chg CH to 18/64 w/FTP-200psi SICP-0psi Rec-135 Bbl. RD & MO PU & Road Rig to Tribal # 36-53. SDFD & until monday morning. CC:\$ 586,456

01/18/99 **Flow back report**

01/31/99 **Well on Prod**  
RU Dowell to 8 5/8- 4 1/2 csg Annulus f/top dn job. Pump 20 bbl. LCM Pill. Lead w/65 sx class (G) w/add WT-11.5 YD-3.18. Tail w/190 sx class (G) w/add wt-11.5 YD-3.16. Flush w/1 bbl H2O. ISIP-123psi. MP-240psi @ 2.5 BPM. AP-160psi @ 2 BPM. Wash up & RD Dowell. Open csg valve w/press. CC:\$ 602,410

02/03/99 **Prep to set CIBP @ 7400'**  
Road Colo. Well Service Rig # 26 from NBU 70N3 to NBU 264 MI & RU, Blow well down. NDWH, NUBOP. POOH w 2 3/8" tbg. SDFN. CC:\$ 606,730

02/04/99 **Shut in for pressure build up**  
SICP-500psi. Blow well down. MI & RU Cutters WLS. Set CIBP @ 7410' & dumped 1 sk cement on plug. RDWL. RIH w/NC, 1 jt 2 3/8" tbg, PSN & 220 jts 2 3/8"tbg. Landed w/EOT @ 6982' & PSN @ 6949'. NDBOP, NUWH. Ru swab. SICP-40psi. Made 8 swb runs, Rec. 35 bbls wtr. IFL@4100', FFL scattered from 2000' to SN. SICP 300psi. Hvy gas cut fluid w/ strong blow behind swab. Shut well in for press build up. SDFN. (Water sample after last swb run-CL=20,000MG/L) CC:\$614,650

02/06/99 **Swab well**  
SICP 700 psi, SITP 110 psi, MI&RU Delso swabbing unit, made 1 run found FL @ 2800'. Well flow for 1 1/2 hrs recovered 12 bbls. Well die. Made 7 runs FFL @ 4600' gas cut. Recovered total of 38 bbls. FCP 460 psi FTP 20 psi. SI well SDFN. CC:\$615,718

02/07/99 **Swab well**  
SICP 820psi SITP 660psi Ran swab found FL @ 4800' Made 9 runs & recovered total of 32 bbls FFL @ 4000' FCP, 4200 psi. FTP 20 psi. Well flow for 15 min after each run & dies. SI well. SDFN. CC:\$ 617,011

02/08/99 **Swab well**  
ITP 442, ICP782. IFL 4900, 9 runs & 3 trips 35 bbls recovered FFL 3000, FTP=0 FCP=460, gas cut a little flow after each swab. SI well SDFN. Two day Total 67 bbls swabbed. CC:\$618,091

02/09/99 **Swab Well**  
ITP 760 ICP 766 IFL3600. Turned on 1 1/2 hr then it died, 8 runs & 5 plunger trips 27 bbls total. FTP 40 FCP 440 FFL 4900 gas cut. Last 2 runs pulled just 1.5 bbls. SIFN CC: \$ 619,309

02/10/99 **Swab well or waiting on order**  
SICP 750 psi SITP 575 psi open well & flowed for 2 1/2 hrs plunger made 5 trips & well died. Ran swab found FL@ 2800' made 2 swab runs well flow for 15 min died. Recovered 20 total bbls FCP 445 psi FTP 0 psi FFL @ 2800' gas cut. RD swab unit RU wireline, pulled bumper spring and check TD @ 7376'. SI well CC: 620,987

02/11/99 **Swab Well**  
SICP .793 PSI SITP .676 PSI  
Turn well on to tank flow for 1 hr. Well died. Ran swab found FL @ 4800'. Made 2 more runsblow for 10 min well died. Did recover medium sand on swab cups. FFL @ 5200' recovered total of 10 bbls FCP.415 psi/ FTP 0 psi. Left well on. SDFN

02/25/99 **RIH isolate perfs/inject 15% HCL**  
MIRU GWS # 101 ITP 1700psi ICP 1700psi blew dwn well. NU frac valve & BOPS RU floor& POOH (SLM) killed well w/20 bbls 1/2 way out RU Cutters WLS RIH set plug at 6670' PUbailer RIH dump 1 sx sand on plug fill hole w/80 BBL & test plug to 1500 psi. PU 3 1/8 select fire gun . RIH corr. To CNL/LDT perf Wasatch @ 4668-5420'-5557' 5754-6084'6400'-6516'-6630' All 2 SPF 16 total holes. RD Cutters PU Halliburton PIPP tool had 50 psi on well after rigging down Cutters 45 mins + PU PIPP tool RIH w/ 143 jts EOT 4605. SIFN CC: \$8330

02/26/99 **Flow test well**  
Casing & tbg had 20 psi blew down. RIH test tool @ 6610' isolate perf 6630' pump 250 gal & 1000 gal 3% KCL w/ surfactant in formation broke @ 2280 psi avg 3900 at 4.8 bpm ISIP 1736 run bleed off test 5 min 1305 10=1162 15=1062 & 30=896. LD 4 jts isalate 6516 pump same 250 15% and 1000 gal 3% broke @ 4000psi tight till acid hit perf then pumped @ avg 4.3 bpm @ 4100 psi ISIP 2125 5 min=1998 10=1973 15=1942&30=1863. LD 3 jts isalate 6400' broke at 3935 psi pump in @ 4.6 bpm @ avg 4000 psi ISIP 1947 psi 5 min=1752 10=1636 15=1538 & 30 min=1314. LD 10 jts isalate perf 6084' broke @ 4000 psi pump in

@ 4.7 @ 3686 psi ISIP 1527 psi 5 min=1347 10=1303 15=1240 30 min=1112 psi. LD 11 jts isalate perf. 5754' broke @ 3170 pump @ 5.3 bpm @ 3985 psi ISIP 1655 psi 5 min =1611 10=1028 15=900 and 30 min=685. LD 6 jts isalate perf 5557'. Broke @ 1819 pump @ 5.5=4240 psi ISIP 1588 psi 5 min=731 10 min=497 15=364 & 30 =324. LD 4 jts isalate perf. 5420' broke @ 4048 psi pump in @ 5.2 bpm @ avg 3370 psi. ISIP 1002 psi 5 min=750 10=626 15=592 & 30min= 529psi. LD 24 jts isalate perf 4668' broke @ 9992 psi pump in at 5.2 bpm @ 3475 psi ISIP 1441 5 min=1062 10= 922 15=822 & 30 min=635 psi all zones 250 gal 15% HCL & 1000 gal 3% KCL w/surfactant LD 3 jts E. O. Tools 4605' RU sand line fish dart valve f/tool flowed 22 bbl up casing as we fished hook line to tbq turn over to flow crew.  
CC:\$ 24,798

02/27/99	Flow back report (see well file)				
	SICP-260#	FTP-300#	Bbl wtr	Choke 18/64	7:00AM
	280#	300#	5.5	18/64	8:00 AM
	300#	280#	11	18/64	9:00AM
	320#	300#	11	18/64	10:00AM
	340#	300#	5.5	18/64	11:00AM
	360#	300#	5.5	18/64	12:00 AM
	380#	280#	5.5	22/64	1:00PM
	380#	280#	11	18/64	2:00PM
	TTL bbls 55 bbls WTR, 28 bbls left to recover. SDFN				
	Note: no sand				
02/28/99	Flow back report (see well file)				
03/02/99	Flow back report (see well file)				
03/03/99	<b>Recompletion/WO recompletion ProSICP-400psi FTP-180psi on 18/64 CH.</b> Blow well dn. pump 15 bbl 3% KCL dn tbq POOH w 2 3/8tbq & P.I.P.P tools & LD W.O. L-80 tbq f/ yard. Kill well w/45 bbl. 3% KCL. PU 4 1/2 RBP & Ret tool talley PU & RIH w 2 3/8 L-80tbq to 2846' chg in orders. POOH w 2 3/8 tbq & RBP. SDFN CC: \$30,957				
03/04/99	<b>RIH w/tbg &amp; PKR &amp; RU Halliburton f/frac SICP-950psi</b> Blow well dn RU Cutters & RIH w 3 1/8 select fire gun 90 degree phasing. Add additional perf 6630-4perf, 6400-2 perf, 5754-3perf & 5420-8 perf. Press 0 psi FL 700'. POOH & RD Cutters. PU & RIH w 2 3/8 L-80 tbq to 2000' kill well w/16 bbl dn tbq. PU & RIH w 2 3/8 L-80 to 3600'. Kill well w/10 bbl dn tbq. POOH w 2 3/8 L-80 tbq. SWIFN. CC: \$34,894				
03/05/99	Flow back report(see well file) <b>Flow well after frac on 18/64 CH</b> SICP-750psi Blow well dn. PU 4 1/2" HD PKR 1 jt SN RIH w/ 2 3/8 L-80 tbq to 6651'. Load hole w/105 bbl 3% KCL dn csg set PKR @ 6651' press test 5000psi (OK). POOH w 2 3/8 tbq & set PKR @ 6212'. RU Halliburton f/frac held safety mtg & press test lines 8300 psi. Set pop off on csg 1000 psi. Start frac stage # 1 perf f/6400'-6630'. Pump 43 bbl PAD shut dn ISIP-1675 psi 10 hole open. Pump 171200# 20/40 SD. 2-7 PPG stage. 25# Gel. 28% PAD. Flush w /25 bbl ISIP-2546 psi. 5 min 2440psi 10 min 2254psi 15 min 2213 psi 30 min 2127 psi. Total load 1323 bbl. MP-6800 psi MR-17 bpm AP-4900 psi AR-15 bpm. TR PAD w 8/MCI antimony. 2-4 ppg w/13 MCI scandium. 4-7 ppg w/57 MCI iridium. RD Halliburton & hook up flow line to tank. Flow well after frac on 18/64 CH FTP-1920 psi SICP-0 psi w/PKR in hole. Leave well flow to tank. CC: \$89,394				
03/06/99	<b>RU swab on well after frac</b> SICP-400psi FTP-0psi. RU & swab IFL-surface made 3 runs rec-20 bbl frac fluid w/SD FFL-1000'. Blow well dn. Released 4 1/2 HD pkr @ 6212'. POOH w 2 3/8 L-80 tbq & pkr. PU NC 1 jt SN & RIH w 2 3/8 L-80 tbq to 3000'. Well kicking, RU & pump 10 bbl 3% dn tbq f/ RIH w 2 3/8 tbq to 6214' RU flowline to tank & flow well open w/SICP-50 psi FTP-0 psi Rec-15 bbl. RY & swab IFL-surface made 9 runs rec-68 bbl FFL-500'. SICP-500psi FTP-0 psi w/week blow. Leave well open to tank on 18/64 CH. Flow back report (see well file) CC:\$104,425				
03/07/99	<b>Flow testing frac perf f/6630-6400'</b> SICP-1080 psi FTP-0 psi. RU & swab IFL-200' made 16 runs Rec-190 bbl. RD swab well started flowing. Flow well after frac f/perf 6630-5400' on 32/64 CH SICP-1360 psi FTP-200 psi. Leave well flowing until Monday. Flow back report(see well file) CC:\$108,195				
03/08/99	Flow back report(see well file)				
03/09/99	<b>Halliburton sand frac</b> SICP=880#, FTP=350# on 18/64 CH. Pmp 80 bbl 3% KCL dn csg & kill the well. POOH w 2 3/8" L-80 tbq RIH w/ 4 1/2" Arrow RBP, Ret tool, 4 x 2 3/8" tbq sub, 4 1/2" Arrow HD Pkr, 1 jt 2 3/8" tbq,+45SN, & 194 jts L-80 tbq, set RBP @ 6115', lay dn 1 jt 2 3/8" tbq, fill csg w/95 bbl 3% KCL, set pkr @ 6090'. Test RBP & tbq to 5000#, OK Bleed well off. RLS				



Pkr, lay dn 20 jts 2 3/8" tbg. PU 6' x 2 3/8" N-80 tbg sub. Set pkr @ 5965', EOT @ 5474'  
SWI, SDFN CC: \$ 113,356

- 03/10/99 Flowing well after frac perf (5557-6084)**  
SICP= 50psi, SITP=660 psi. MI & RU Halliburton. Held safety mtg. Press test lines to 8200 psi. Fill csg w/5 bbl press test to 400 psi. Pkr set @ 5465' EOT @ 5475'. Frac stage # 2 perf f/5557'-6084'. Pmp'd 38.4 bbl PAD shut dn & fix hyd hose. ISIP 1560 psi. Calculated 11 perfs open. Pump 152640# 20/40 sand, w/1320 bbl 25# Delta fluid gel. 28% PAD 2-5 PPA stages, flush w/22.3 bl trace Pad w/8 MCI antimony, 2-4 ppg w/15 MCI scandium 5 PPG w/47 MCI iridium. ISIP=2252 psi, 5/min=2160 psi, 10/min=2092 psi, 15/min=2036 psi 30/min=1890 psi. Total Load=1355 bbl, Max press=6100 psi, Max rate=16.5 bpm, Avg press=4800 psi, Avg rate=16 bpm. Frac Gr-.83 RD Halliburton. Flow well back after frac. F/perfs 5557' to 6084' on 10/64 Choke, FTP=1620psi. Flowing well after frac on 12/64 CH FTP-1250 psi rec-30 bbl. Flowing well after frac on 14/64 CH FTP-900 psi SICP-40 psi. Rec-40 bbl. TOTAL 70 Bbl. SDFD & leave well flowing.  
CC:\$180,326.
- 03/11/99 Flowing well after frac perf (5557-6084)**  
Flowing well after frac perf f/5557-6084' SICP-80 psi FTP 0-psi blow well dn. Release 4 1/2 PKR@5465' POOH w 2 3/8 L-80 tbg, PKR & RET tool. LDD Tools. PU NC & SN RIH 2 3/8 L-80 tbg tag SD @ 6087' POOH w 2 3/8 tbg. EOT @ 5461' & SN @ 5428' flowing csg on trip rec-77 bbl. Shut in csg tbg flowing on 48/64 CH. Flowing well after frac on 32/64 CH SICP-300 psi FTP-150psi Rec-15 bbl. Flowing well on 32/64 SICP-350 psi FTP-150 psi Rec. 23 bbl. Flowing well on 32/64 CH SCIP-420 psi FTP-150 psi. Rec-30 bbl. Flowing well on 32/64 CH SICP-480 psi FTP-240 psi. Rec-20bbl. Total 165 BBL. Leave well Flowing.  
CC:\$ 183,869
- 03/12/99 Flow well after frac perf (5557-6084)**  
Flow well after frac on 20/64 CH SICP-700 psi FTP-380psi Rec-5 bbl. Flow well on 20/64 CH SICP-680psi FTP-380 psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi 350psi Rec-10 bbl. Flow well on 20/64 CH SICP-660 psi FTP-350 psi Rec-5 bbl. Flow well on 18/64 CHSICP-650 psi FTP-350 psi Rec-3 bbl. SDFD & leave well flowing.  
Flow back report (see well file) CC:\$18,982
- 03/13/99 Flow well after frac perf(5557-6084)**  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec.-2 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec.-6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec-6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400psi Rec. 6 Bbl.  
Flow well after frac on 18/64 CH SICP-660 psi FTP-400 psi Rec. 3 Bbl.  
Flow well after frac on 18/64 CH SICP-660psi FTP-400psi Rec. 5 Bbl.  
Total Rec-29 Bbl. SDFD & leave well flowing.  
Flow back report (see well file) CC:\$188,058
- 03/14/99 Flow well after perf (5557-6084)**  
Flowing well after frac on 18/64 CH SICP-640psi FTP-360psi Rec. 2 Bbl.  
Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 12 Bbl.  
Flow well on 18/64 CH SICP-560 psi FTP-300 psi Rec. 5 1/2 Bbl.  
Total 191 1/2 Bbl. Leave well flowing.  
Flow back report CC:\$188,870
- 03/15/99** Flow back report (see well file)
- 03/16/99** SICP=460# FTP=250# 18/64 CH. Blow well dn. PMP 80 bbl. 3% KCL dn csg. POOH & lay dn 174 jts L-80 2 3/8" tbg. RIH w/Arrow 4 1/2" x 23# TS RBP, 4 1/2" x 23# HD pkr 172 jts 2 3/8" j-55 tbg. Set plug @ 5472', set pkr @ 5432 Fill csg w/35 bbl 3 % KCL. Test void to 4500#, OK. POOH & lay dn pkr. RD 2 3/8" tbg equip. NDBOP SWI w/frac valve, SDFD.  
CC:\$ 193,822
- 03/17/99 Flow well after frac perf(4668-5420)**  
MI & RI Halliburton held safety mtg. Press test line 5000psi. Start frac stages # 3 (4668-5420) Load hole w /23.4 bbl. PAD pmp 222430# 20/40 Sdw/1123 bbl 20# Delta fluid gel. 25% PAD 2-6 PPA stages. Flush w/71.9 bbl. ISIP -2432psi. 5 min-2040psi 10 min-1961psi 15 min-1946psi 30 min-1859psi. Total load 1814 bbl. MP-3240 psi MR-27.2 bpm AP-2310 psi AR-27 bpm. Frac GR.96 TR Pad w/9 MCI antimony 2-4 PPA w/21 MCI scandium 5-6 PPA w/71 MCI iridium. RD Halliburton. Flow well after frac on 10/64 CH FCP-1840psi. Flow well on 10/64 CH FCP-1500psi Rec-30 bbl. Flow well on 12/64 CH FCP-1025 psi Rec.-35 bbl. Flow well on 14/64 CH FCP-750psi Rec. -50 bbl. Flow well on 16/64 CH FCP-500 psi Rec-55 bbl. Total 170 Bbl. Leave well flowing & turn over flowback crew.

Flow back report (see well file)

CC:\$ 266,362

- 03/18/99** **Flow well after frac** on 48/64 CH FCP-0 Rec-6 bbl. ND frac valve & NU BOPS. RU floor & tbg equip. PU Ret tool 1 jt SN & RIH w/ 2 3/8 tbg tag SD @ 5304' 116' above BTM perf. RU swivel & B/circ w 3% KCL. CO f/5304 to 5435. Circ clean. RD swivel & POOH w/ 2 3/8 tbg EOT @ 4520'. RU & swab IFL-surface made 12 runs rec-146 bbl. FFL-500'. SICP-0 psi FTP-0 psi. RD swab. Leave well open to tank on 18/64 CH.  
Flow back report(see well file) CC:\$279,502
- 03/19/99** **Flow well after frac perf (4668-5420)**  
Flow well after frac on 48/64 CH SICP-50 psi FTP-0 psi. RU & swab IFL-100' made 9 runs rec-78 bbl. Well started flowing. Flow well on 64/64 CH SICP-0 psi FTP-10 psi. Flow well on 64/64 CH SICP-20 psi FTP-10 psi Rec-53 bbl. Flow well on 64/64 CH SICP-50 psi FTP-10 psi Rec. -16 bbl. Flow well on 32.64 CH SCIP-100 psi FTP-20 psi REC 11 bbl. SDFD Total 158 bbl. Leave well flowing on 32.64 CH. Flow back report (see well file)  
CC:\$281,789
- 03/20/99** **Flow well on 32/64 CH SICP-420 psi FTP-60 psi.** Flow well on 32/64 CH SICP-430 psi FTP-80 psi Rec- 67.5 bbl. Flow well on 32/64 CH SICP-450 psi FTP-60 psi REC-10 bbl. SDFD Total 77.5 bbl. Leave well flowing to tank. Flow back report ( see well file)  
CC:\$285,024
- 03/21/99** **Flow well on 32/64 CH SICP-480 psi FTP-60 psi.** Flow well on 32.64 CH SICP-500 psi FTP-10 psi Leave well flw to tank. Flow back report (see well file)  
CC:\$285,024
- 03/22/99** **Flow well to flow tk w/flow crew.** Flow back report (see well file) CC:\$285,024
- 03/23/99** **Flow & swab**  
FTP=340# SICP=780# 28/64 CH, FTP=60# SICP=500# 28/64 CH, Rec 13 bbl wtr, light sand. FTP=80# SICP=500# 18/64 CH, Rec 2.5 bbl wtr, light sand. FTP=0# SICP=500# 18/64 CH, rec 2.5 bbl wtr, light sand. Blow csg dn to 200#, land tbg w/hanger(142 jts,+45SN, 1 jt, 4 1/2" Ret tool EOT @ 4530, +45@4495) NDBOP, NUWH. LD 13 stds 2 3/8" tbg out of derrick. RD rig, MIRU Delsco swab rig, Road rig & equip to the NBU # 268. IFL @ 500' made 4 runs, rec 22 bbl wtr. Well flowing, SICP=475 FTP=200#, 32/64 CH. Turn well over to flow crew. Flowed 16 bbl in 13/4 hr. SDFD. Wk end flow rec+133 bbl. Wtr. Rec today=56 bbl.  
Wtr. CC:\$ 290,432
- 03/24/99** **Flow well after frac perf(4668-5420)**  
Flow well on 24/64 CH & swab IFL-500' made 1 run rec-4 bbl. Flow well on 48/64 CH SICP-600 psi FTP-80 psi. Rec-26 bbl. SICP-450 psi FTP-0 psi swab IFL-1500' made 3 runs rec-11 bbl. Flow well on 48/64 CH SICP-450 psi FTP-60 psi. Flow well on 48/64 CH SICP-350 psi FTP-20 psi Rec-8 bbl. Flow well on 48/64 CH SICP-415 psi FTP-15 psi Rec-13 bbl. Swab IFL-1500' made 3 runs rec-10 bbl. Flow well on 48/64 CH SICP-350 psi FTP-20 psi. Flow well on 48/64 CH SICP-360 psi FTP-20 psi Rec-6 bbl. Swab IFL-2500' made 3 runs rec-9 bbl. Flow well 32/64 CH SICP-310 psi FTP-0 psi swab IFL-2200' made 2 runs rec-6 bbl. Flow well on 32/64 CH SICP-350psi FTP-20 psi Rec-3 bbl. Flow well on 32/64 CH SICP-350 psi FTP-30 psi Rec-12 bbl. Flow well on 32/64 CH SICP-375 psi FTP-20 psi Rec 9 bbl.  
CC:\$ 291,360
- 03/25/99** **Flow well on 32/64 CH SICP-400 psi FTP-20 psi Rec 3 bbl.** Swab IFL-1500' made 2 runs Rec-2 bbl. Flow well on 32/64 CH SICP-400 psi FTP-60 psi Flow well on 32/64 CH SICP-450 psi FTP-50 psi Rec-5.5 bbl. Flow well on 32/64 CH SCIP-300 psi FTP-0 psi Rec-2 bbl. Swab IFL-2200' made 2 runs rec-2 bbl. Flow well on 28/64 CH SICP-370 psi FTP-50 psi Rec 7.5 bbl. Flow well on 28/64 CH SICP-400 psi FTP-0 psi Rec-1 bbl. Swab IFL-2700' made 1 run rec-1 bbl. Flow well on 28/64 CH SICP-320 psi FTP-110 psi Rec -2 bbl. Swab IFL-2700' made 2 runs Rec. -2 bbl. Flow well on 28/64 CH SICP-325 psi FTP-40 psi Rec-2 bbl. Total 30 bbl. Flowing & swabbing.  
CC:\$292,423
- 03/26/99** **Flow well - 20/64 CK. SICP - 445#, FTP - 60#, REC 2 BBLS.**  
Swab. IFL - 2,200'. Made 2 runs, rec. 2 BBLS.  
Flow well - 24/64 CK. SICP - 275 - 450#, FTP - 20 - 120#, 7 HRS. REC 25 1/2 BLW.  
Swab. IFL - 2,700'. Made 3 runs, rec. 2 BBLS.  
Flow well on 24/64 CK. SICP - 325#, FTP - 190#, REC 0 BBLS. Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 53 BLW, 60 MCF, LLTR: 560 BBLS.
- 03/27/99** **Flow well 2 hrs.24/64 CK. SICP - 400#, FTP - 0# - 90#. REC 2 BBLS.**  
Swab. IFL - 2,600'. Made 3 runs, rec 8 BBLS.  
Flow well 6 hrs. 24/64 CK. SICP - 325 - 380#, FTP - 30 - 140# REC 10 BBLS.

Swab. IFL - 2,600'. Made 2 runs, rec 6 BBLS.  
 Flow well 2 hrs. 24/64 CK. SICP - 320 - 350#, FTP - 60 - 120# REC 2 BBLS.  
 Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 49 BLW, 100  
 MCF, LLTR: 511 BBLS CC:\$ 295,273

**03/28/99** Flow well 1 hr. 24/64 CK. SICP - 550#, FTP - 0# REC 0 BBLS.  
 Swab. IFL - 2,700'. Made 3 runs, rec 5 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 500#, FTP - 50# REC 0 BBLS.  
 Swab. IFL - 2,800'. Made 3 runs, rec 5 BBLS.  
 Flow well 6 hrs. - 24/64 CK. SICP - 325 - 500#, FTP - 20 - 120# REC 16 BBLS.  
 Swab. IFL - 2,900'. Made 3 runs. Rec 6 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 400#, FTP - 160#, REC 2 BBLS.  
 Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 200  
 MCF, LLTR: 446 BBLS. CC:\$297,073

**03/29/99** Flow well 10 hrs. 24/64 CK. SICP - 350#, FTP - 30 - 150#, REC 16 BBLS.  
 Well died. Swab. IFL - 2,900', REC 5 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 30#, REC 1 BBL. All water has light to  
 medium sand.  
 Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 32 BLW, 250  
 MCF, LLTR: 360 BBLS. CC:\$ 299,023

**03/30/99** Flow well 4 1/2 hrs. 24/64 CK. SICP - 350 - 400#, FTP - 80 - 100#, REC 9 BBLS.  
 Swab. IFL - 2,800'. Made 2 runs, rec 2 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 380#, FTP - 50#, REC 7 BBLS.  
 Swab. IFL - 3,000', Made 2 runs, rec 2 BBLS  
 Flow well 3 hrs. 24/64 CK. SICP - 250 - 400#, FTP - 110 - 40#, REC 6 BBLS.  
 Swab. IFL - 2,700', Made 3 runs, rec 3 BBLS.  
 Flow well 1 hr. 24/64 CK. SICP - 350#, FTP - 110#, REC 2 BBLS.  
 Leave well flowing to tank w/ flow-back crew. 6:00 p.m. to 6:00 a.m. Flowed 50 BLW, 175  
 MCF, LLTR: 288 BBLS. CC:\$ 302,083

**03/31/99** Road rig to loc. MIRU CWS #26. SICP - 500#, FTP - 0#, ND WH, NU BOP'S, NU Floor  
 & TBG. Equip. PU & LD Hanger. PU & RIH w/ 2 3/8" TBG. Tag sand @ 5,333'. RU  
 swivel & break circ. W/H2O. CO sand F/5,333' to 5,420'. Lost returns. Pump 350 BBLS. Rec.  
 100 BBLS. RU Air foam unit. & break circ. CO sand F/ 5,420' to 5,473'. Circ hole clean.  
 Latch on RBP & kill well W/ 25 BBLS. RD Swivel. POOH W/TBG & RBP to 1,000'. Kill  
 well W/ 50 BBLS. 3% KCL. POOH W/TBG & LD RBP #1. RIH W/ Ret. Tool. & TBG. Kill  
 well W/20 BBLS. PU & RIH W/ TBG. Tag sand @ 6,080'. Break circ W/ Air Foam. CO  
 sand F/ 6,080' to 6,115'. Circ hole clean. Latch RBP. Kill well W/30 BBLS H2O. POOH W/  
 tbg & RBP #2 to 1,700'. Kill well W/70 BBLS H2O. POOH W/TBG. & LD RBP #2. RIH  
 W/Ret. Tool & TBG. Tag sand @ 6,617'. Break circ W/Air Foam & CO sand F/6,617' to  
 6,670' (RBP #3). CC:\$ 313,460

**04/01/99** Circ. Hole clean & latch RBP #3. POOH W/TBG & RBP to 1,500'. Kill well W/70 BBLS 3%  
 KCL. POOH W/TBG & LD RBP. PU NC & SN. RIH W/TBG. Tag sand @ 7,327'. Break  
 circ. W/Air Foam & CO sand F/7,327' to 7,410'. Circ. Hole clean. LD 19 jts 2 3/8" 4.7, j-55  
 TBG. PU Hanger & Land W/216 jts. 2 3/8" 4.7, j-55 TBG. EOT @ 6,831', SN @ 6,798'. RD  
 floor & TBG Equip. ND BOP's & NU WH & Flowline to tank. Blow water out of TBG  
 W/air. Put well to flow tank on 48/64 CK. & watch well. SDFD & Turn well over to flow-  
 back crew. CC:\$ 318,450  
 FLOW BACK REPORT - 900 MCFD, REC 296 BBLS - 14 HRS. CP - 955 - 1,140# TP - 540 - 550#  
 20 - 24/64 CK.

**4/2/99 -** FLOWING - 550 MCFPD, 1 BWPH, FTP - 450#, CP - 1,000#, 0 SAND, REC 343 BLW / 24 HRS.  
 LLTR: 1,665 BBLS.

**4/3/99 -** FLOWING - 550 MCFPD, 7 BWPH, FTP - 520#, CP - 1,000#, 0 SAND, EST REC 198 BLW / 24  
 HRS. LLTR: 1,467 BBLS.

**4/4/99 -** FLOWING - 750 MCFPD, 10 BWPH, FTP - 500#, CP - 990#, LIGHT SAND, REC 236 BLW / 24  
 HRS. LLTR: 1,231 BBLS.

4/5/99 - FLOWING -550 MCFPD, 5 BWPH, FTP - 500#, CP - 980#, 0 SAND, REC 138 BLW / 24 HRS. LLTR: 1,093 BBLS.

4/6/99 - FLOWING - 432 MCFPD, 132 BWPH, FTP - 613#, CP - 887#, 16/64 CK. LP - 90#, LLTR: 807 BBLS.

4/7/99 - FLOWING - 443 MCF, 0 COND., 140 H2O, 531 FTP, 882 SICP, 86 LP, 16/64 CK LLTR: 667 BBLS.

4/8/99 - FLOWING - 436 MCF, 0 COND., 130 H2O, 533 FTP, 882 SICP, 72 LP, 16/64 CK LLTR: 537 BBLS.

4/9/99 - FLOWING - 446 MCF, 0 COND, 130 H2O, FTP - 533#, 882 SICP, 72 LP, 16/64 CK

4/10/99 RU SCHLUMBERGER WIRE-LINE SVS. RAN TRACER LOGS. STAGE #1 F/ 6,908' TO 7,591'. STAGE #2 F/ 6,400' TO 7,591'. STAGE #3 F/5,557' TO 6,084'. STAGE #4 FROM 4,668' TO 5,420'. RD SCHLUMBERGER. PUT WELL BACK ON PROD.

4/11/99 - FLOWING - 758 MCF, 7 COND, 150 H2O, 838 FTP, 882 SICP, 100 LP, 23/64 CK

4/12/99 - FLOWING - 758 MCF, 0 COND, 150 H2O, 301 FTP, 798 SICP, 92 LP, 23/64 CK.

4/13/99 - FLOWING - 651 MCF, 0 COND, 150 H2O, 271 FTP, 690 SICP, 90 LP, 24/64 CK.

4/14/99 - FLOWING - 651 MCF, 0 COND, 150 H2O, 272 FTP, 690 SICP, 90 LP, 24/64 CK. CALLL OUT CREW. ROAD RIG F/NBU #222. SPOT EQUIP. SDFD.

4/15/99 - FLOWING - 26 MCF, 0 COND, 70 H2O, 215 FTP, 591 SICP, 96 LP, 25/64 CK. 1 HR - RIG.

4/16/99 - SICP - 590#, FTP - 210#, CK - 25/64. BLOW WELL DWN. RIG UP RIG. ND WH, NU BOP'S. RU 2 3/8" TBG. EQUIP. POOH W/2 3/8" PROD BHA. MIRU CUTTERS. RIH W/4 1/2" X 11.6# CIBP. STACKED OUT @ 6,400'. POOH & RD CUTTERS. RIH W/3 7/8" MILL CSG SCRAPER TO 6,988'. PUMP 20 BBLS DWN TBG. & POOH W/ MILL CSG SCRAPER & TBG F/ABOVE PERFS. EOT - 4,427'. SWIFN.

4/17/99 - SICP - 620#, SITP - 620#, BLOW WELL DWN. PUMP 20 BBLS DWN TBG. RIH W/3 7/8" MILL SCRAPER & TBG TO 6,988'. PUMP 20 BBLS DWN TBG. POOH W/TBG TO 1,200'. KILL WELL W/20 BBLS. POOH W/TBG & LD SCRAPER MILL. KILL WELL W/20 BBLS. RU CUTTERS & RIH W/4 1/2" CIBP. STACKED OUT @ 6,400'. POOH & PU SMALLER SETTING TOOL. RIH W/4 1/2" CIBP & SET @ 6,950'. POOH & RD CUTTERS. PU NC, SN, & RIH W/2 3/8" TBG. PUMP 10 BBLS DWN TBG. PU HANGER, LAND W/216 JTS 2 3/8" 4.7# J-55 TBG. EOT - 6,834', SN @ 6,801'. RD FLOOR & TBG EQUIP. ND BOP'S. NU WH & FLO-LINE. RDMO GWS #101. SWIFN TO BULD PRESS.

4/18/99 - FLOWING - 651 MCF, 0 COND, 150 H2O, 272 FTP, 690 SICP, 90 LP, 24/64 CK.

4/19/99 - FLOWING - 533 MCF, 0 COND, 130 H2O, 243 FTP, 605 SICP, 90 LP, 20/64 CK.  
**FINAL REPORT.**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:  
8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

*State of Delaware*  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF  
OIL GAS AND MINING



*Harriet Smith Windsor*  
*Harriet Smith Windsor, Secretary of State*

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

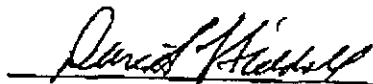
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

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STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

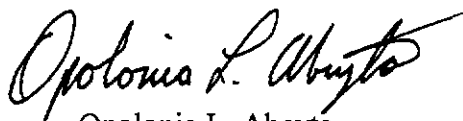
For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.



Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH		4-KAS
2. CDW✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001****FROM:** (Old Operator):COASTAL OIL & GAS CORPORATION  
Address: 9 GREENWAY PLAZA STE 2721

HOUSTON, TX 77046-0995

Phone: 1-(713)-418-4635

Account N0230

**TO:** ( New Operator):EL PASO PRODUCTION OIL & GAS COMPANY  
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B

HOUSTON, TX 77046-0995

Phone: 1-(832)-676-4721

Account N1845

CA No.

Unit: NATURAL BUTTES

## WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 34-13-10-20	43-047-30508	2900	13-10S-20E	FEDERAL	GW	P
CIGE 103D-13-10-20	43-047-31742	2900	13-10S-20E	FEDERAL	GW	P
CIGE 154-13-10-20	43-047-32119	2900	13-10S-20E	FEDERAL	GW	P
NBU 328-13E	43-047-32386	2900	13-10S-20E	FEDERAL	GW	P
NBU 360-13E	43-047-32387	2900	13-10S-20E	FEDERAL	GW	P
CIGE 187-13-10-20	43-047-32607	2900	13-10S-20E	FEDERAL	GW	P
CIGE 230-13-10-20	43-047-32885	2900	13-10S-20E	FEDERAL	GW	P
NBU 393-13E	43-047-33071	2900	13-10S-20E	FEDERAL	GW	P
NBU 394-13E	43-047-33072	2900	13-10S-20E	FEDERAL	GW	P
NBU 212	43-047-32399	2900	24-10S-20E	FEDERAL	GW	P
NBU 296 GR	43-047-32886	2900	24-10S-20E	FEDERAL	GW	S
NBU 271	43-047-32887	2900	24-10S-20E	FEDERAL	GW	P
NBU 71-26B	43-047-30578	2900	26-10S-20E	FEDERAL	GW	P
NBU 43	43-047-30848	2900	26-10S-20E	FEDERAL	GW	P
NBU 211 (CA NW-127)	43-047-32339	2900	01-10S-21E	FEDERAL	GW	P
NBU 264	43-047-33000	2900	01-10S-21E	FEDERAL	GW	P
NBU 329 (CA NW-127)	43-047-33227	2900	01-10S-21E	FEDERAL	GW	P
NBU CIGE 40-3-10-21	43-047-30740	2900	03-10S-21E	FEDERAL	GW	P
NBU CIGE 93D-3-10-21J	43-047-31163	2900	03-10S-21E	FEDERAL	GW	P
COG NBU 101	43-047-31755	2900	03-10S-21E	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/02/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/02/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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JAN. 17. 2003 3:34PM

STPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

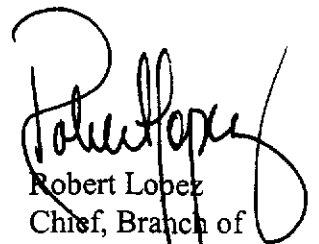
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

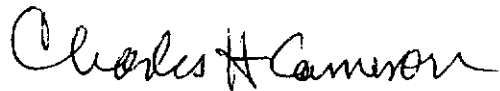
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono







IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

CITY

Houston

STATE

TX

ZIP 77064-0995

PHONE NUMBER

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236

Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: \_\_\_\_\_

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

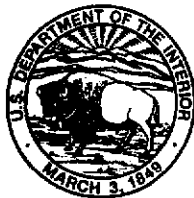
Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW ✓
3. FILE

## X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02

<b>FROM:</b> (Old Operator):	<b>TO:</b> ( New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 43N	26-10S-20E	43-047-30848	2900	FEDERAL	GW	S
NBU 397	26-10S-20E	43-047-34365	99999	FEDERAL	GW	APD
NBU CIGE 55-1-10-21	01-10S-21E	43-047-30512	2900	STATE	GW	P
NBU CIGE 79D-1-10-21	01-10S-21E	43-047-30896	2900	STATE	GW	P
CIGE 107D-1-10-21	01-10S-21E	43-047-31747	2900	STATE	GW	P
CIGE 205-1-10-21	01-10S-21E	43-047-32795	2900	STATE	GW	P
NBU 211	01-10S-21E	43-047-32339	2900	FEDERAL	GW	P
NBU 264	01-10S-21E	43-047-33000	2900	FEDERAL	GW	P
CIGE 244-1-10-21	01-10S-21E	43-047-33209	2900	STATE	GW	P
CIGE 245-1-10-21	01-10S-21E	43-047-33210	2900	STATE	GW	P
NBU 329	01-10S-21E	43-047-33227	2900	FEDERAL	GW	P
NBU 284	01-10S-21E	43-047-34792	99999	STATE	GW	APD
NBU 444	01-10S-21E	43-047-34796	99999	FEDERAL	GW	APD
NBU 71	01-10S-21E	43-047-31101	2900	FEDERAL	GW	PA
NBU 265	02-10S-21E	43-047-32796	2900	STATE	GW	P
CIGE 224-2-10-21	02-10S-21E	43-047-32883	2900	STATE	GW	P
CIGE 246-2-10-21	02-10S-21E	43-047-33687	99999	STATE	GW	APD
CIGE 100D-2-10-21	02-10S-21E	43-047-31731	2900	STATE	GW	P
UTE TRAIL U 88X-2G	02-10S-21E	43-047-15389	2900	STATE	GW	P
CIGE 10-2-22	02-10S-22E	43-047-30425	2900	STATE	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the Department of Commerce, Division of Corporations Database on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/19/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/19/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Operations Manager

Date

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval of This  
Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.42	\$/MCF

### Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IRR = 5.01%

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals Investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

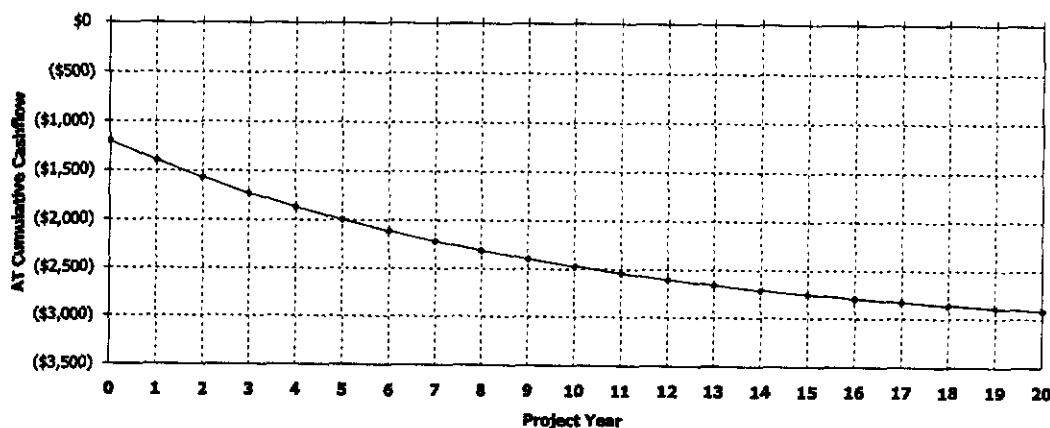
### Gross Reserves:

Oil Reserves = 4 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NGL well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not pay for the valve cost or the estimated annual maintenance costs.

### Project: Condensate Shrinkage Economics





# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

NBU 280		U05876	891008900A	430473300900S1
NBU 281	3-9-21	UTU0581	891008900A	430473292800S1 ✓
NBU 282	33-9-21	UTU0576	891008900A	430473292900S1
NBU 283	34-9-21	U01194	891008900A	430473279300S1 ✓
NBU 284	1-10-21	U02842B	891008900A	430473300000S1
NBU 285	2-10-21	ML13826	891008900A	430473279600S1 ✓
NBU 286	10-10-21	UTU0149079	891008900A	430473294100S1
NBU 287	10-10-21	UTU01418A	891008900A	430473294200S1
NBU 288	11-10-21	U01190	891008900A	430473300100S1
NBU 289	12-10-21	UTU1196D	891008900A	430473347300S1
NBU 270	13-10-21	ML23608	891008900A	430473286200S1 ✓
NBU 271	24-10-20	UTU4485	891008900A	430473288700S1
NBU 272	11-10-22	U01197A	891008900A	430473288900S1 ✓
NBU 273	22-9-21	UTU0147566	891008900A	430473290600S1
NBU 274	23-9-21	UTU149075	891008900A	430473290700S1
NBU 275	9-9-21	UTU01188	891008900A	430473290500S1
NBU 277	19-9-22	UTU0284	891008900A	430473304200S1
NBU 278	30-9-22	U463	891008900A	430473301100S1
NBU 280	31-9-22	ML22935A	891008900A	430473286500S1 ✓
NBU 281	32-9-22	ML22649	891008900A	430473286600S1 ✓
NBU 282	32-9-22	ML22649	891008900A	430473286700S1
NBU 285	3-10-22	UTU01191	891008900A	430473297600S1
NBU 286	3-10-22	UTU01191	891008900A	430473298400S1
NBU 287	3-10-22	UTU01191A	891008900A	430473298500S1
NBU 288	3-10-22	UTU01191	891008900A	430473298600S1
NBU 289	3-10-22	UTU01191	891008900A	430473291000S1
NBU 290	3-10-22	UTU01191A	891008900A	430473298700S1
NBU 291	9-10-22	UTU01196D	891008900A	430473291100S1
NBU 292	9-10-22	UTU1196D	891008900A	430473347400S1
NBU 293	10-10-22	UTU025187	891008900A	430473318200S1
NBU 294X	22-9-20	UTU0577B	891008900A	430473346500S1
NBU 295	12-10-20	UTU4478	891008900A	430473293900S1
NBU 296	24-10-20	UTU4485	891008900A	430473288600S1
NBU 297	11-9-21	UTU0141315	891008900A	430473304000S1
NBU 298	15-9-21	UTU01188	891008900A	430473304100S1
NBU 299	16-9-21	ML3282	891008900A	430473301200S1
NBU 300	21-9-21	UTU0576	891008900A	430473302300S1
NBU 301	25-9-21	U01194	891008900A	430473285900S1 ✓
NBU 302	26-9-21	U01194	891008900A	430473287700S1 ✓
NBU 303	26-9-21	ML22934	891008900A	430473287800S1 ✓
NBU 304	27-9-21	U01194A	891008900A	430473287900S1 ✓
NBU 305	27-9-21	U01194A	891008900A	430473288000S1 ✓
NBU 306	27-9-21	U01194A	891008900A	430473288000S1 ✓
NBU 307	28-9-21	U05676	891008900A	430473300700S1
NBU 308	28-9-21	U05676	891008900A	430473314300S1
NBU 309	30-9-21	UTU0581	891008900A	430473301000S1
NBU 310	35-9-21	U01194	891008900A	430473288200S1 ✓
NBU 311	4-10-22	UTU01191	891008900A	430473283700S1
NBU 312-E2	2-9-21	UTU21510	891008900A	430473228800S1 ✓
NBU 313	4-10-22	UTU01191A	891008900A	430473283800S1
NBU 315	11-9-21	UTU0141317	891008900A	430473387900S1
NBU 316	11-9-21	UTU0141317	891008900A	430473441300S1
NBU 317	13-9-21	U-01193	891008900A	430473392100S1
NBU 318	13-9-21	UTU01193	891008900A	430473388000S1
NBU 320	25-9-21	U01189	891008900A	430473320100S1
NBU 321	26-9-21	U01194	891008900A	430473320200S1 ✓
NBU 322	34-9-21	U01994	891008900A	430473320300S1 ✓
NBU 323	30-9-22	U-463	891008900A	430473405000S1
NBU 326	31-9-22	ML22935A	891008900A	430473320400S1 ✓
NBU 327	33-9-22	UTU01191	891008900A	430473373500S1
NBU 329	1-10-21	UTU02842B	891008900A	430473322700S1
NBU 330	3-10-21	UTU0149078	891008900A	430473322800S1
NBU 331	3-10-21	UTU0149078	891008900A	430473322900S1

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005237**

**APPROVED 5/16/06**

**Earlene Russell**  
Division of Oil, Gas and Mining  
**Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-02842-B
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 264
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0600 FSL 2100 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 01 Township: 10.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047330000000
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 4/17/2010	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>APD EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b> _____	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> THIS WELL RETURNED TO PRODUCTION ON 4/17/2010.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> April 27, 2010		
<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/26/2010	